

पेटेंट कार्यालय
का
शासकीय जर्नल
**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. **28/2006**
ISSUE NO. **28/2006**

शुक्रवार
FRIDAY

दिनांक: 14.07.2006
DATE: 14.07.2006

पेटेंट कार्यालय का एक प्रकाशन
A PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970.

All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(S. CHANDRASEKARAN)

Controller General of Patents, Designs & Trade Marks

14th July, 2006.

CONTENTS

SUBJECT	PAGE NUMBER
JURISDICTION	: 12946-12947
SPECIAL NOTICE	: 12948-12950
CORRIGENDUM (MUMBAI)	: 12951
CORRIGENDUM (CHENNAI)	: 12951
EARLY PUBLICATION (DELHI)	: 12952-12953
EARLY PUBLICATION (CHENNAI)	: 12954-12958
EARLY PUBLICATION (MUMBAI)	: 12959-12970
PUBLICATION AFTER 18 MONTHS (CHENNAI)	: 12971-13038
PUBLICATION AFTER 18 MONTHS (DELHI)	: 13039-13139
PUBLICATION AFTER 18 MONTHS (KOLKATA)	: 13140-13271
PATENT GRANT UNDER SECTION 43(2) (KOLKATA)	: 13272-13275

THE PATENT OFFICE
PATENTS
KOLKATA, 14.07.2006
Address of the Patent Offices/jurisdictions

The following are addresses of the all Patent Offices located at different places having their Territorial Jurisdiction on a Zonal basis as shown below:-

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Territories of Lakshadweep.
5. Patent Office (Head Office),
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Website: <http://www.ipindia.nic.in>
www.patentoffice.nic.in
➤ Rest of India

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2005 will be received only at the appropriate offices of the Patent Office.

Fees: The Fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय
एकस्व
कोलकाता, दिनांक: 14.07.2006
कार्यालयों के क्षेत्राधिकार के पते

विभिन्न स्थानों पर स्थित सभी पेटेंट कार्यालयों के पते जोनल आधार पर उनके प्रादेशिक क्षेत्राधिकार के साथ निम्नवत हैं:-

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छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा
दीव, दादर और नगर हवेली.
3. पेटेंट कार्यालय दिल्ली,
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प्लॉट i. 32, सेक्टर - 14,
द्वारका, ई दिल्ली - 110 075.
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2808 1924, 2808 1925
फैक्स: (011) 2808 1920.
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➤ हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल
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इंडस्ट्रियल इस्टेट
एसआईडीसीओ आरएमडी गोडाउन एरिया
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फैक्स/Fax: (91)(33)2367 1988
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वेबसाइट: <http://www.ipindia.nic.in>
www.patentoffice.nic.in
➤ भारत का अवशेष क्षेत्र

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2005 द्वारा वांछित सभी आवेदन, सूचनाएँ, विवरण या अन्य दस्तावेज या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे ।

शुल्क: शुल्क या तो नकद रूप में या "Controller of Patents" के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित हैं।

SPECIAL NOTICE

18 Months publication as required under Section 11A of the Patents Act, 1970
as amended by the Patents (Amendment) Act, 2005.

Notice is hereby given that any person at any time before the grant of Patent may give representation by way of opposition to the Controller of Patents at appropriate office on the ground and in a manner specified under section 25(1) of the Patents (Amendment) Act, 2005 read with Rule 55 of the Patents (Amendment) Rules, 2006.

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.4/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(S. CHANDRASEKARAN)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARK

Special Notice

Under the new provision of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005 and Rules there under, Publication of the matter relating to Patent in the Official Gazette of India Part III, Section 2 has been discontinued and instead of “The Official Journal of the Patent Office” is being published containing all the activities of The Patent Offices such as publication of patent applications, grant of patent & all other information in respect of the proceedings as required under the provisions of the Patents (Amendment) Act, 2005 and Rules there under on weekly basis on every Friday since 21st January, 2005.

The price of each copy of the journal is Rs. 400/- in paper form and that is Rs. 250/- in CD-ROM form, while annual subscription of the journal for a calendar year 2006 is Rs. 20,000/- in paper form and that is Rs. 12,000/- in CD-ROM form . Postal Charge of Rs.100/- for each copy of journal in paper form and postal charge of Rs.50/- for each copy of journal in CD-ROM form is to be paid extra. The annual subscription (including the postal charges) for the Year 2006 is required to be paid in advance in any of the Patent Office located at Kolkata, New Delhi, Mumbai and Chennai.

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Special notice

1. The Patent Office, Chennai has been shifted on 01/08/2005 from Guna Complex, 6th Floor, Annex –II 443, Annasalai, Teynampet, Chennai – 600 018 to the new location at the address give below –

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INDUSTRIAL ESTATE SIDCO RMD GODOWN AREA ADJACENT TO
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ANTOP HILL, MUMBAI – 400 037
PHONE NO. 022-24137701 AND 24130387
E-MAIL – mumbai-patent@nic.in**

All communications should be made to the new address . All the services of the Patent Office are available in the new location from the above mentioned date. For further details visit our website: **ipindia.nic.in**

3. Every effort is being taken to publish all the patent applications under section 11(A) of the Patents Act. However, if duplication of publication of any application is found, then earlier date of publication will be taken for the purpose of provisional protection for applicant and Patent Office will grant Patent not before six months from the date of second publication, provided that there is no third party representation .

CORRIGENDA

<u>SR. NO.</u>	<u>APPLN. NO.</u>	<u>JOURL. NO.</u>	<u>DATE OF PUBL.</u>	<u>PAGE NO.</u>	<u>PUBLISHED AS</u>	<u>PLEASE READ AS</u>
1	353/BOM/1999	27/2006	07/07/06	12642	353/BOM/2004	353/BOM/ 1999
2	407/BOM/1999	27/2006	07/07/06	12652	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: YES
3	468/MUM/2000	27/2006	07/07/06	12668	Title of the Invention: PRAXAIR TECHNOLOGY INC.	Title of the Invention: A PRESSURE SWING ADSORPTION PROCESS AND AN APPARATUS FOR CARRYING OUT THE SAID PROCESS.
4	501/MUM/2000	27/2006	07/07/06	12670	Name of Applicant: NICHOLAS PIRAMAL INDIA LIMITED Address of the Applicant: DR.AMBEDKAR ROAD, PARL, MUMBAI-400 012, MAHARASHTRA, INDIA. Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO	Name of Applicant: 1. NICHOLAS PIRAMAL INDIA LIMITED & 2. COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH Address of the Applicant: 1. DR.AMBEDKAR ROAD, PAREL, MUMBAI-400 012, MAHARASHTRA, INDIA. & 2. ANUSANDHAN BHAVAN, 1, RAFI MARG, NEW DELHI-110 001. Filed U/S 5(2) before The Patents (Amendment) Act, 2005: YES
5	501/MUM/2000	27/2006	07/07/2006	12670 & 12684	501/MUM/2000 & 501/MUM/2000	Publication of application No. 501/MUM/2000 on page No.12684, may please be treated as deleted.
6	570/MUM/2000	27/2006	07/07/2006	12671 & 12685	570/MUM/2000 & 570/MUM/2000	Publication of application No. 570/MUM/2000 on page No.12685, may please be treated as deleted.
7	823/MUM/2005	39/2005	14/10/2005	23020	Date of filing of Application: 11/07/2005	Date of filing of Application: 05/07/2005

CORRIGENDUM

Divisional to application No. & the corresponding date filed for the application number 1681/CHENP/2004 published in the Journal dated 16/06/2006 is to be read as IN/PCT/2001/740/DEL filed on 22/08/2001

Early Publication

“The following patent applications have been published under section 11A (2) of The Patents (Amendment) Act 2005 and rule 24A of The Patents (Amendment) Rules, 2006. Any person interested may file representation by way of opposition to the controller of patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006”

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: **1373/DEL/2006** A

(22) Date of filing of Application: **09/06/2006**

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“MASONARY BUILDING UNITS, MASONARY SYSTEM AND MACHINE FOR MAKING MASONARY UNITS.”	
(51)	International classification	:	B 28 B 11/04 E 04 C 1/40 E 04 B 2/02	(71) Name of Applicant: ROHAN SINHA VIKRAM SINHA SACHCHIDA NAND SINHA
(31)	Priority Document No.	:		
C(32)	Priority Date	:		Address: K5/5, DLF QUTUB ENCLAVE, PHASE II GURGAON- 12202 (HARYANA), INDIA.
(33)	Name of priority country	:		
(86)	International Application No and Filing Date:	:	NA	72 Name of the Inventor: ROHAN SINHA VIKRAM SINHA SACHCHIDA NAND SINHA
(87)	International Publication No	:	NA	
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	
(62)	Divisional to Application No	:		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	:		

(57) Abstract: The present invention relates to semi-automatic masonry construction. It relates to a novel and unique masonry units having a interlocking or interfitting projections and depressions, which are self-aligned and self-adjustable. The masonry units shall be solid or hollow. It can be made out of any materials such as clay in plastic stage or a homogeneous mixture of cement, fly ash, sand and lime.

The subject invention also relates to masonry system that deals with the process of masonry construction by placing one masonry unit along with other side by side and then one over other without any mortar between them. Then the bonding of masonry units are achieved by pouring/pumping mortar from the top or from the sides as appropriate.

The subject invention also relates to masonry system at L, T and + joints and reinforced masonry construction.

The subject invention also relates to machine for making masonry units. It has a free standing steel frame. It is semi automatic, fast and accurate.

Thus the masonry construction is made semi automatic, of uniform quality of construction and of high strength. The man power requirement and time of construction is reduced resulting in reduced cost of construction.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: **1134/DEL/2006**

A

(22) Date of filing of Application: **05/05/2006**

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	"METHOD OF PRINTING ON A DISC."	
(51)	International classification	:	G 11 B 19/02 B 23 P 19/04	(71) Name of Applicant: MOSER BAER INDIA LTD.
(31)	Priority Document No.	:		Address: 66, UDYOG VIHAR, KASNA ROAD, GREATER, NOIDA, UTTAR PRADESH-201306, INDIA..
C(32)	Priority Date	:		
(33)	Name of priority country	:		
(86)	International Application No and Filing Date:	:	NA	72 Name of the Inventor: RAJAGOPAL S. RAMAN Dr. RAJEEV JINDAL
(87)	International Publication No	:	NA	
(61)	Patent of addition to Application No	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

(57) Abstract: The invention provides for a method of manufacturing a stamper for embossing data on an optical disc comprising the steps of printing the data to be embossed directly on a glass master to form a printing layer; sputtering of metal or alloy on said printing layer; forming a layer of metal or alloy on the sputtering layer separating the metal or alloy layers from the glass to form a stamper.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA	(21) APPLICATION No: 992/CHE/2006A
(22) Date of filing of Application:08/06/2006	(43) Publication Date: 14/07/2006
(54) Title of the invention: A-Process For The Synthesis Of (E)-2-f1-(4-Methyl Phenyl) -3-(1-Pyrrolidiny1)-1-Propenyl] Pyridine (Triprolidine)	(71) Name of Applicant VIITAL MALLYA SCIENTIFIC RESEARCH FOUNDATION, AN INDIAN ORGANIZATION
(51)International classification:A61P 37/08, CO7D 213/00, CO7D 207/00.	Address of Applicant: P.B NO. 406, K.R. ROAD, BANGALORE-560 004, KARNATAKA., INDIA.
(31) Priority Document No.	
(32) Priority Date:	
(33) Name of priority country:	(72) Name of the Inventor(s):
(87) WIPO No. :	RAO Gudapati Venkateswara, Swamy Bhadrappa Narayana, Kush Anil Kumar, Reddy Goukanapalli.
(61) Patent of addition to Application No. :	
Filed on:	
(62) Divisional to Application No.:	
Filed on:	

(57)Abstract

A Process for the synthesis of (E) -2 -[1 -(4 -methyl phenyl) -3- (1-pyuolidiny1)-1- propenyl] pyridine (TRIPROLIDINE) by reacting 2-(I-pyuolidino)ethyl triphenyl phosphonium bromide with 2-(p- toluoyl) pyridine in presence of aprotic solvent and a base, isomeising in presence of acid catalyst.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No: 1078/CHE/2006A

(22) Date of filing of Application:23/06/2006

(43) Publication Date: 14/07/2006

(54) Title of the invention:
COLD FORGING AND FINISH
MACHINING OF ALUMINUM
TANDOM MASTER CYLINDER
PRIMARY AND SECONDARY BRAKE
PISTONS.

(71) Name of Applicant
S.SEETHARAMAN,

(51)International classification:C 22 C
38/00

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INDIA.

(31) Priority Document No.

(72) Name of the Inventor(s):
S.SEETHARAMAN

(32) Priority Date:

(33) Name of priority country:

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(57)Abstract

Forged components are commonly found at points of shock and stress such as Wheel Spindles, Cutting Pins, Axle Shafts, etc.

Typical cold forging applications can be Transmission Shaft, Differential Gears, CV Joints, Ball Studs, etc. Although cold forging out of Carbon and Alloy Steels are widely applicable, other materials such as Aluminium and Micro Alloyed Steels remain at higher end of technology.

This invention refers to the above mentioned parts is made of Aluminium Extruded Bars and Brake Assembly is responsible for Braking actuation in Automobile. (Figure 1)

These parts in Brake Assembly actuates and regulate the flow of Brake fluid between the assembly and the wheels.

Forging denotes a family of processes by which plastic deformation of the work piece is carried out by compressive forces, at room temperature or at elevated temperatures. This gives rise to the terms of Cold and Hot Forging. Simple Forging can be made with a heavy hammer and anvil using techniques that have been available for centuries. However, usually a set dies and presses are required.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No: 762/CHE/2005A

(22) Date of filing of Application:20/06/2005

(43) Publication Date: 14/07/2006

(54) Title of the invention:

ELECTRIC VEHICLE USING WIND
TURBINE AND BATTERY[SOLAR
CELL OPTIONALLY].

(51)International classification:H 02 J 7/00

(31) Priority Document No.

(32) Priority Date:

(33) Name of priority country:

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

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Address of Applicant:

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TAMIL NADU,,
INDIA.

(72) Name of the Inventor(s):

HARINATH BABU GANESHKUMAR,

(57)Abstract

Wind energy can be used to electric vechicle along with battery or fuel cell. The battery or fuel cell is for initial running and above certain speed(30 kmph) the turbine rotates faster and more current produced. Using invertor the electric lotor of the vechicle works.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No: 900/CHE/2006A

(22) Date of filing of Application:25/05/2006 (43) Publication Date: 14/07/2006

(54) Title of the invention:

A SYSTEM "CLICK TO VIDEOTALK"
FOR ESTABLISHING A VOIP VIDEO
AND METHOD THEREOF.

(51)International classification:A 61 K
31/517 , C 07 D 239/72

(31) Priority Document No.

(32) Priority Date:

(33) Name of priority country:

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

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SOLUTION PRIVATE LIMITED,

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(72) Name of the Inventor(s):

VARCHAS RAMILA SUBRAHMANYA,
VINAY SATYANARAYANA,
VIJAY SATYANARAYANA,
VENKATESHA PRASAD,
RAJASEKHARAN NELATUR KANNAN,
HIRISAVE SHIVALINGAIAH JAMDAGMI.

(57)Abstract

A system "Click to Video Talk" for establishing a VOIP Video call between an end user with a computer connected to the internet and a call centre agent with a computer telephone and a hardware connecting the two.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No: 277/CHE/2005A

(22) Date of filing of Application:17/03/2005

(43) Publication Date: 14/07/2006

(54) Title of the invention:

MAN MACHINE COMMUNICATION.
HUMAN BRAIN IS EQUIVALENT TO
HARD DISC ARE SAME.

(51)International classification:H 04 Q 1/00

(31) Priority Document No.

(32) Priority Date:

(33) Name of priority country:

(87) WIPO No. :

(61) Patent of addition to

Application No. :

Filed on:

(62) Divisional to

Application No.:

Filed on:

(71) Name of Applicant

D.G.RAJU SAM MURALIDHARAN,

Address of Applicant:

B-47 JAWAHAR CAMPUS,JAWAHAR
NAGAR,63 FIRST MAIN ROAD,,
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(72) Name of the Inventor(s):

D.G.RAJU SAM MURALIDHARAN,

(57)Abstract

Man Machine communication are done through set of devices nowadays. In my project I considered human brain is the hard disc. I perceived this science fact by way of experiments and practicing. We aware human brain is faster than computer hard disc and the memory and recalling is faster. than computer. I Proved living human brain is function like hard disc of computer. In this way we can transfer the brain memory to hard disc of computer and do wonders.

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No. : 171/MUM/2005****A****(22) Date of filing of Application: 17/02/2005****(43) Publication Date: 14/07/2006**

(54) Title of the invention: AIR TIGHT DIETARY SUPPLEMENT SACHET CONTAINING BOVINE COLOSTRUMS, HERBAL EXTRACTS AND VARIANTS THEREOF

(51) International classification : A61K, A61K 31/00

(31) Priority Document No : NIL

(32) Priority Date : NIL

(33) Name of priority country : NIL

(86) International Application No : NIL

and Filing Date : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL

Filed on : N.A.

(62) Divisional to Application No : NIL

Filed on : N.A.

(71) Name of Applicant:

DILIP S. DAHANUKAR

Address of the Applicant:

**INDUSTRIAL ASSURANCE BLDG,
CHURCHGATE, MUMBAI -400 030,
MAHARASHTRA, INDIA**

(72) Name of the Inventor:

DILIP S. DAHANUKAR

(57) Abstract: A chewable tablet dietary supplement containing spray dried powder of bovine colostrums, with herbal ingredients/ and variants and process of making thereof comprising of a Bovine Colostrum powder selected in the range of 300 mg to 700mg by weight of the composition, and, Herbal ingredients in the form of herbal powder or powder made from extracts,

such as Gudduchi e.d.f.	700mg to 1100mg,
Ashwagandha	400mg to 700mg
Kutaj e.d.f.	50mg to 200mg
Yashtimadhu	25mg to 60mg,
Vitamin A Palmate	500 IU
Vitamin B1	5mg to 10mg
Vitamin B2	5mg to 10mg
Vitamin B3	2mg to 4mg
Vitamin B6	3mg to 4mg
Vitamin B12	10mcg to 17mcg
Folic Acid	5mg to 1mg
Zinc	3mg to 5mg
Magnesium	5mg to 2mg
Manganese	0.5mg 1mg
Selenium	9mcg 15mcg

(e.d.f. = extract derived from)

Amino acids and class II preservatives and anti oxidants are used in preserving food powders, binders and fillers to increase the density and strength of the tablet. These ingredients are put in proper proportions into a suitable mixer/grinder like a drum or planetary mixer, and mixed thoroughly into a homogeneous mixture. The powder is then dried in a tray drier to reduce the moisture content to below 5%. The mixture in the form of dry powder is then loaded onto a tablet making machine which takes in a measured quantity of the said powder and compresses it into a tablet of desired shape and size. The tablets so formed are then coated with colorant (Titanium Dioxide with Isopropyl Alcohol and desired colour such as sunset yellow)a

Drawing: NIL

Fig. Nil

Total Pages: 14

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No. : 172/MUM/2005****A****(22) Date of filing of Application: 17/02/2005****(43) Publication Date: 14/07/2006**

(54) Title of the invention: A CHEWABLE TABLET DIETARY SUPPLEMENT CONTAINING SPRAY DRIED POWDER OF BOVINE COLOSTRUMS, WITH HERBAL INGREDIENTS/ AND VARIANTS" AND THE PROCESS OF MAKING THEREOF

(51) International classification : A61K 31/00, A61K

(31) Priority Document No : NIL

(32) Priority Date : NIL

(33) Name of priority country : NIL

**(86) International Application No : NIL
and Filing Date : NIL**

(87) International Publication No : NIL

**(61) Patent of addition to :
Application No : *NIL***

Filed on : N.A.

**(62) Divisional to Application No :
*NIL***

Filed on : N.A.

(71) Name of Applicant:

DILIP S. DAHANUKAR

Address of the Applicant:

**INDUSTRIAL ASSURANCE BLDG,
CHURCHGATE, MUMBAI -400 030,
MAHARASHTRA, INDIA**

(72) Name of the Inventor:

DILIP S. DAHANUKAR

(57) Abstract: A chewable tablet dietary supplement containing spray dried powder of bovine colostrums, with herbal ingredients/ and variants and process of making thereof" comprising of a Bovine Colostrum powder selected in the range of 300 mg to 700mg by weight of the composition, and, Herbal ingredients in the form of herbal powder or powder made from extract, such as Gudduchi e.d.f. 700mg to 1100mg.

Ashwagandha	400mg to 700mg
Kutaj e.d.f.	50mg to 200mg
Yashtimadhu	25mg to 60mg,
Vitamin A Palmate	500 IU
Vitamin B1	5mg to 10mg
Vitamin B2	5mg to 10mg
Vitamin B3	2mg to 4mg
Vitamin B6	3mg to 4mg
Vitamin B12	10mcg to 17mcg
Folic Acid	5mg to 1mg
Zinc	3mg to 5mg
Magnesium	5mg to 2mg
Manganese	0.5mg 1mg
Selenium	9mcg 15mcg

(e.d.f. = extract derived from)

Amino acids and class II preservatives and anti oxidants are used in preserving food powders, binders and fillers to increase the density and strength of the tablet. These ingredients are put in proper proportions into a suitable mixer/grinder like a drum or planetary mixer, and mixed thoroughly into a homogeneous mixture. The powder is then dried in a tray dried to reduce the moisture content to below 5%. The mixture in the form of dry powder is then loaded onto a tablet making machine which takes in a measured quantity of the said powder and compresses it into a tablet of desired shape and size. The tablets so formed are then coated with colorant (Titanium Dioxide with Isopropyl Alcohol and desired colour such as sunset yellow) a

Drawing: Sheets

Fig. Nil

Total Pages:

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No. : 1577/MUM/2005****A****(22) Date of filing of Application: 16/12/2005****(43) Publication Date: 14/07/2006**

(54) Title of the invention: FOLDING WINDMILL**(51) International classification : F03D 3/00****(31) Priority Document No : NIL****(32) Priority Date : NIL****(33) Name of priority country : NIL****(86) International Application No : NIL
and Filing Date : NIL****(87) International Publication No : NIL****(61) Patent of addition to :
Application No *NIL*****Filed on : N.A.****(62) Divisional to Application No :
*NIL*****Filed on : N.A.****(71) Name of Applicant:****MANKAD KARIMBHAI VALIBHAI****Address of the Applicant:****FULWADI @ PALIYAD,
DIST. BHAVNAGAR,
STATE. GUJARAT, INDIA****(72) Name of the Inventor:*****MANKAD KARIMBHAI
VALIBHAI***

(57) Abstract: This horizontal Windmill spins in all directional wind and folds down behind wall in cyclones.**Drawing: 1 Sheets**

Fig. Nil

Total Pages: 6

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No. : 196/MUM/2006****A****(22) Date of filing of Application: 13/02/2006****(43) Publication Date: 14/07/2006**

(54) Title of the invention: LIGHTING FIXTURE FOR MORE EFFICIENCIES & DURABILITY

**(51) International classification : G02B 2/02,
G02B 7/02****(31) Priority Document No : NIL****(32) Priority Date : NIL****(33) Name of priority country : NIL****(86) International Application No : NIL
and Filing Date : NIL****(87) International Publication No : NIL****(61) Patent of addition to :
Application No NIL****Filed on : N.A.****(62) Divisional to Application No :
NIL****Filed on : N.A.****(71) Name of Applicant:****KARTIK PRAFULL BAKERI****Address of the Applicant:****E-7, PPRARTHANA ALOK
APARTMENTS, NEAR H.L.
COLLEGE OF COMMERCE,
AHMEDABAD – 380 009****(72) Name of the Inventor:****KARTIK PRAFULL BAKERI**

(57) Abstract: A new Light fixture incorporating T5 or T5HO lamps. The lamps along with the innovative design of the fixture & reflectors, give maximum lux efficiency, i.e. the lux/watt, and also maximum uniformity of light, at required places. Thus, it can substitute even HID lamps in street lighting, & brings about minimum 50% saving in energy, with better light quality.

The electronic circuit is also designed for sturdiness, so that it can withstand upto 415 VAC as supply voltage, thus making it safe against large voltage spikes & neutral fault.

Drawing: 5 Sheets**Fig. Nil****Total Pages: 11**

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No. : 327/MUM/2006****A****(22) Date of filing of Application: 08/03/2006****(43) Publication Date: 14/07/2006**

(54) Title of the invention: INFLATABLE INTRA VENTRICULAR BALLOON DEVICE

(51) International classification : A61M 25/10**(31) Priority Document No : NIL****(32) Priority Date : NIL****(33) Name of priority country : NIL****(86) International Application No : NIL****and Filing Date : NIL****(87) International Publication No : NIL****(61) Patent of addition to : NIL**
Application No**Filed on : N.A.****(62) Divisional to Application No : NIL****Filed on : N.A.****(71) Name of Applicant:****DR. LOKENDRA SINGH****Address of the Applicant:****25, "MADHULOK", BAJI PRABHU
NAGAR, RAMNAGAR,
NAGPUR – 440 010, INDIA****(72) Name of the Inventor:****DR. LOKENDRA SINGH**

(57) Abstract: The Inflatable Intra Ventricular Balloon device, which prevents post operational complications of huge Intra and Extra Ventricular tumors caused by mechanical changes due to sudden collapse of cerebral mantle. It is also used in huge extra ventricular base of skull tumors post operatively for the same reason. Device is made of a silastic tubing with a latex balloon mounted at ventricular or cranial end and an air tight one way valve device for inflation and deflation by air at outer end. This device allows brain to expand gradually and occupy the space.

Drawing: 2 Sheets**Fig. Nil****Total Pages: 12**

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No. : 400/MUM/2006****A****(22) Date of filing of Application: 22/03/2006****(43) Publication Date: 14/07/2006**

**(54) Title of the invention: DEVELOPMENT OF DEVICE -CYLINDRICAL CHANNEL
RETRACTOR FOR INTRAVENTRICULAR SURGERY**

**(51) International classification : A61B 17/00,
A01K 2/02****(31) Priority Document No : NIL****(32) Priority Date : NIL****(33) Name of priority country : NIL****(86) International Application No : NIL
and Filing Date : NIL****(87) International Publication No : NIL****(61) Patent of addition to :
Application No *NIL*****Filed on : N.A.****(62) Divisional to Application No :
*NIL*****Filed on : N.A.**

(71) Name of Applicant:**DR. LOKENDRA SINGH****Address of the Applicant:****25, "MADHULOK", BAJI PRABHU
NAGAR, RAMNAGAR,
NAGPUR – 440 010, INDIA****(72) Name of the Inventor:*****DR. LOKENDRA SINGH***

(57) Abstract: A device, useful for keeping the incision open without any injury and providing for safe channel for surgery. The device is an inflatable Latex balloon having plastic cylinders with a circular flange at outer end. By using this device, the cortical or callosal incisions for intra ventricular operations, mainly third and lateral, open and provide safe operating channel.

Drawing: 3 Sheets**Fig. Nil****Total Pages: 15**

(22) Date of filing of Application: 09/05/2006

(21) Application No. : 714/MUM/2006

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: THREADED CHANNEL CLOSURE FOR TUBULAR HEAT

(51) **International classification** : F28D 7/00,
F28D 7/08,
F28F 9/02

(31) Priority Document No : NIL

(32) Priority Date : NIL

(33) Name of priority country : NIL

(86) International Application No : NIL

and Filing Date : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : ***NIL***

Filed on : **N.A.**

(62) Divisional to Application No : *NIL*

Filed on : **N.A.**

(71) Name of Applicant:

LARSEN & TOUBRO LIMITED

Address of the Applicant:

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(72) Name of the Inventor:

1. MODI ANIL KUMAR

2. NEMBILLI VEERAVALI RAMESH

3. MURUR VENKATESH

(57) Abstract: The invention relates to heat exchangers with screw plug enclosure wherein the assembly is accomplished by setting the channel cover concentric with help of threaded holding pins. These pins being inserted from radial holes and cleats provided with nuts on the threaded holding pins for the adjustment. This facilitates handling of the threaded lock ring and the channel cover independently during assembly, eliminating cumbersome handling fixtures.

Drawing: 4 Sheets

Total Pages: 25

Fig. Nil

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No. : 825/MUM/2006****A****(22) Date of filing of Application: 30/05/2006****(43) Publication Date: 14/07/2006**

(54) Title of the invention: CHEMOENZYMATIC SYNTHESIS OF COATING BINDERS

**(51) International classification : C09D 5/44,
B05D 7/16,
C08G 18/08****(31) Priority Document No : NIL****(32) Priority Date : NIL****(33) Name of priority country : NIL****(86) International Application No : NIL
and Filing Date : NIL****(87) International Publication No : NIL****(61) Patent of addition to :
Application No *NIL*****Filed on : N.A.****(62) Divisional to Application No :
*NIL*****Filed on : N.A.****(71) Name of Applicant:****1. PROF. DR. VILAS
DATTATRAY ATHAWALE****2. MR. KEDAR
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FLOWERS, THAKUR
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MUMBAI – 400 101****2. 10 MANOHAR SMRUTI, 69,
JAYPRAKASH NAGAR,
GOREGAON (EAST),
MUMBAI – 400 063****(72) Name of the Inventor:****1. PROF. DR. VILAS
DATTATRAY ATHAWALE****2. *MR. KEDAR*
*RAMESHCHANDRA JOSHI***

(57) Abstract: A process of preparing coating binders by using natural oils such as castor oil, linseed oil and alcohols by lipase catalysed transesterification or interesterification reactions is described.

Drawing: NIL

Fig. Nil

Total Pages: 14

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No. : 826/MUM/2006****A****(22) Date of filing of Application: 30/05/2006****(43) Publication Date: 14/07/2006**

**(54) Title of the invention: SURFACE COATINGS BASED ON WATER BORNE
POLYURETHANE DISPERSION WITH HYDROXYL/CARBOXYL
FUNCTIONALITY CROSS-LINKED BY HEXAKIS
(METHOXYMETHYL) MELAMINE (HMMM)**

**(51) International classification : C08G 18/08,
C08G 18/10,
C08G 18/12**

(31) Priority Document No : NIL

(32) Priority Date : NIL

(33) Name of priority country : NIL

**(86) International Application No : NIL
and Filing Date : NIL**

(87) International Publication No : NIL

**(61) Patent of addition to :
Application No *NIL***

Filed on : N.A.

**(62) Divisional to Application No :
*NIL***

Filed on : N.A.

(71) Name of Applicant:

- 1. PROF. DR. VILAS
DATTATRAY ATHAWALE**
- 2. MR. SUNIL NAMDEV
PESHANE**

Address of the Applicant:

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FLOWERS, THAKUR
VILLAGE, KANDIVALI (EAST),
MUMBAI – 400 101**
- 2. 301 SAI DARSHAN,
BLDNG NO. 3, ADARSH VIDYA
MANDIR ROAD, BADLAPUR
(WEST), 421 503**

(72) Name of the Inventor:

- 1. PROF. DR. VILAS
DATTATRAY ATHAWALE**
 - 2. *MR. SUNIL NAMDEV
PESHANE***
-

(57) Abstract: The present invention describes synthesis of Hydroxyl / carboxyl functional polyurethane dispersion (PUD), with low volatile organic content (VOC), based on poly (ethylene) glycol (PEG), dimethylol propionic acid (DMPA), and m-tetramethyl xylene diisocyanate (m-TMXDI). The coating materials are formulated with varying concentration of hexakis(methoxymethyl)melamine resin (HMMM) and cured at elevated temperatures (120-180°C) to obtain three dimensionally crosslinked thermosetting networks. The reactions are catalyzed with different concentrations of amine-blocked p-toluene sulphonic acid (p-TSA). These coating are particularly useful for application on mild steel, aluminium and plastic materials.

Drawing: NIL
Total Pages: 18

Fig. Nil

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No. : 986/MUM/2006****A****(22) Date of filing of Application: 23/06/2006****(43) Publication Date: 14/07/2006**

(54) Title of the invention: VIMS AQVA DISSECTION SPECULLAM**(51) International classification : A61B 1/32****(31) Priority Document No : NIL****(32) Priority Date : NIL****(33) Name of priority country : NIL****(86) International Application No : NIL****and Filing Date : NIL****(87) International Publication No : NIL****(61) Patent of addition to :
Application No *NIL*****Filed on : N.A.****(62) Divisional to Application No :
*NIL*****Filed on : N.A.****(71) Name of Applicant:****DR. VIOMESH MULCHAND
SHAH****Address of the Applicant:****AVANI HOSPITAL , SUBHADRA
NAGAR, STATION ROAD, PATAN-
GUJARAT – 384 265****(72) Name of the Inventor:*****DR. VIOMESH MULCHAND
SHAH***

(57) Abstract: The aqua dissection speculum comprises a top blade and a bottom blade connected by a biconcave shaped handle. A continuous groove is provided on the surface of the speculum to facilitate draining of fluids. The blades have blunt ends to support bladder and other viscera's during surgery and also for blunt dissection.

Drawing: 1 Sheet**Fig. Nil****Total Pages: 9**

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No. : 1036/BOM/2006****A****(22) Date of filing of Application: 29/06/2006****(43) Publication Date: 14/07/2006**

(54) Title of the invention: NOVEL ORGANIC JAGGERY FROM SORGHUM

(51) International classification : C13J**(31) Priority Document No : NIL****(32) Priority Date : NIL****(33) Name of priority country : NIL****(86) International Application No : NIL
and Filing Date : NIL****(87) International Publication No : NIL****(61) Patent of addition to :
Application No : *NIL*****Filed on : N.A.****(62) Divisional to Application No :
*NIL*****Filed on : N.A.**

(71) Name of Applicant:**SHIV RATAN JAJOO****Address of the Applicant:****AMRUT NIWAS, JATHARPETH,
AKOLA -5,****(72) Name of the Inventor:*****SHIV RATAN JAJOO***

(57) Abstract: A solid state herbal jaggery useful for medicinal, health, edible preparation, taste and industrial purposes is disclosed. The product is mixture of juice extracted from the steam of sweet sorghum and sugarcane juice in minor proportion. The mixture after special process of solidification gives jaggery in solid brick form. This product is very cost effect which can be produced by any poor Indian farmer and the product can be in the market with affordable MRP. The product is capable of being used for medicinal, kitchen and industrial purposes.

Drawing: 1 Sheet**Fig. Nil****Total Pages: 10**

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No. : 1080/MUM/2006****A****(22) Date of filing of Application: 07/07/2006****(43) Publication Date: 14/07/2006**

(54) Title of the invention: MULTIPLY FOLDED INFORMATION LEAFLET

(51) International classification	: G06F 17/00, G09F 27/00	(71) Name of Applicant:	
(31) Priority Document No	: NIL	NITIN VASANT PATHAK	
(32) Priority Date	: NIL	Address of the Applicant:	
(33) Name of priority country	: NIL	36 PARIJAT, J.P. NAGAR, ROAD	
(86) International Application No	: NIL	NUMBER 3, GOREGAON EAST,	
and Filing Date	: NIL	MUMBAI – 400 063,	
(87) International Publication No	: NIL	MAHARASHTRA, INDIA	
(61) Patent of addition to	: <i>NIL</i>	(72) Name of the Inventor:	
Application No		<i>NITIN VASANT PATHAK</i>	
Filed on	: N.A.		
(62) Divisional to Application No	: <i>NIL</i>		
Filed on	: N.A.		

(57) Abstract: This invention relates to a multiply folded information leaflet wherein a sheet containing the required information is first subjected to a fold in a direction parallel to the length or breadth of the sheet to obtain a folded article which is then subjected to a plurality of folds in a direction parallel to the direction of the first fold followed by a fold in a direction perpendicular to the first direction to produce a transversely folded article which is then subjected to a plurality of folds in a direction parallel to the first transverse fold and appropriately glued to obtain a multiply folded information leaflet. The sheet is selected from any foldable material including board/polythene/plastic/metal sheets/leather/cloth/rexine/sheets made of natural or artificial fiber and their like.

Drawing: 9 Sheets

Fig. Nil

Total Pages: 28

Publication after 18 Months

The following Patent Applications have been published under Section 11A (3) of The Patents (Amendment) Act, 2005. Any Person may file Representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act, 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION

(19) INDIA	(21) APPLICATION No: 2887/MAS/1998A
(22) Date of filing of Application: 31/12/1998	(43) Publication Date: 14/07/2006
(54) Title of the invention: A THREE-STAGE PROCESS FOR THE CONTINUOUS PREPARATION OF RTV- 1 COMPOSITIONS	(71) Name of Applicant WACKER-CHEMIE GMBH
(51) International classification: C 08 L 83/04	Address of Applicant: Hanns-Seidel-Platz 4, D-81737 Munchen, GERMANY
(31) Priority Document No.19809548.1	
(32) Priority Date:05/03/1998	
(33) Name of priority country: GERMANY	(72) Name of the Inventor(s): Dr. RUDOLF BRAUN, GELMUT WOHL, WERNER TRAJER, JOHANN STEINER, THOMAS FELBER,
(87) WIPO No.:	
(61) Patent of addition to Application No.:	
Filed on:	
(62) Divisional to Application No.:	
Filed on:	

(57) Abstract

The present invention relates to a three-stage process for the continuous preparation of RTV-1 compositions, which comprises, in a first step, preparation a raw mixture of a,-dihydroxypolydiorganosiloxane, filler and, in a second step, freeing the raw mixture of gas inclusions under reduced pressure and, in a third step, mixing the degassed raw mixture with a crosslinker, a condensation catalyst.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

2757/MAS/1998A

(22) Date of filing of Application: 09/12/1998 (43) Publication Date: 14/07/2006

(54) Title of the invention:

A PROCESS FOR OBTAINING THE
COMPOUND

(51) International classification: C 07 B
37/04

(31) Priority Document No. 19756091.1

(32) Priority Date: 17/12/1997

(33) Name of priority country: GERMANY

(87) WIPO No.:

(61) Patent of addition to
Application No.:

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

AVENTS PARMA DEUTSCHLAND
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Frankfurt am Main,
GERMANY

(72) Name of the Inventor(s):

DI. Gerhard KORB,
Dr. Hans-Wolfram FLEMMING
DC Rudolf LEHNERT

(57) Abstract

Process for the alkylation of alkyl- or benzylcyanogen derivatives in the presence of trialkylamines or -phosphines. The invention describes a process for the alkylation of compounds of the formula II the reaction with an alkylating agent being carried out in the presence of a base and a trialkylamine and/or trialkylphosphine

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

2700/MAS/1998A

(22) Date of filing of Application: 30/11/1998 (43) Publication Date: 14/07/2006

(54) Title of the invention:

A METAL FLOW SYSTEM FOR
MAGNESIUM PRESSURE CASTING
AND A PROCESS FOR PRODUCING A
CASTING MAGNESIUM ALLOY

(51) International classification: B22D

21/04, B22D 17/30, B22D 17/08, B22D
17/02

(31) Priority Document No.

(32) Priority Date:

(33) Name of priority country:

(87) WIPO No. :

(61) Patent of addition to

Application No. :

Filed on:

(62) Divisional to

Application No.:

Filed on:

(71) Name of Applicant

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Address of Applicant:

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2612,
AUSTRALIA

(72) Name of the Inventor(s):

MORRIS TAYLOR MURRAY
MATHEW ALAN COPE

(57) Abstract

This invention relates to a metal flow system for use in pressure casting of magnesium alloy in a semi-solid or thixotropic stage, using a pressure casting machine having a supply of the alloy in a molten state and a mould or die which defines a die cavity, wherein the system has a die or mould tool means which defines at least one runner of the system into which molten magnesium alloy is able to be received for injection of alloy into the die cavity, the flow system is of a form providing for control of metal flow velocities therein whereby substantially all of the metal flowing throughout the die cavity is in a semi-solid state, and said form results from the system including at least one controlled expansion region in which region the metal flow is able to spread laterally, with respect to its direction of injection, with a resultant reduction in its flow velocity relative to its velocity in the runner, whereby the state of the alloy is changed from said molten state to said semi-solid state. This invention also relates to a process for producing a casting of a magnesium alloy.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

2827/MAS/1998A

(22) Date of filing of Application: 18/12/1998 (43) Publication Date: 14/07/2006

(54) Title of the invention:

SOLENOID VALVE FOR A LIQUID-
CONTROLLED HEATING AND/OR
COOLING SYSTEM

(51) International classification: B60T 08/36

(31) Priority Document No.

(32) Priority Date:

(33) Name of priority country:

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

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(72) Name of the Inventor(s):

PETER FALCH

JUERGEN HESS

JOHANNES PFETZER

CHRISTOPH HEIER

GEORGE REEB

HEINRICH FELLMANN

(57) Abstract

The invention proceeds from a solenoid valve (10) for a liquid-controlled heating and/or cooling system, having a valve body (16) with at least one inlet port (12) and at least one outlet port (14), and an electromagnetically switched valve member (18) which makes the connection between the inlet port (12) and the outlet port (14) in a first control position and blocks it in a second control position and also projects with its valve stem (26) through an armature (32) fastened on it into an armature space (42) which is flowed through by liquid at least at times by virtue of the fact that it is connected to conduit sections of the heating and/or cooling system which have a different pressure level. It is proposed that the armature space (42) is connected via movement gaps to a conduit section on the facing side, and via an axial duct (48) in the valve stem (26) to a conduit section on the averted side of the valve member (18)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

2808/MAS/1998A

(22) Date of filing of Application: 16/12/1998 (43) Publication Date: 14/07/2006

(54) Title of the invention:

FIRING DEVICE AND A METHOD FOR
TRANSMITTING A SIGNAL TO AN
ELECTRONICS UNITS OF AN IGNITER

(51) International classification: F 42 C

17/04, F 42 C 11/06

(31) Priority Document No.197 56 357.0

(32) Priority Date: 18/12/1997

(33) Name of priority country: GERMANY

(87) WIPO No.:

(61) Patent of addition to

Application No.:

Filed on:

(62) Divisional to

Application No.:

Filed on:

(71) Name of Applicant

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D-53839, Troisdorf,

GERMANY

(72) Name of the Inventor(s):

FRIEDRICK BERTRAM

UWE BREDE

GERHARD KORDEL

(57) Abstract

Device for the induction of a magnetic field in the muzzle region of a firing device when a missile, a bullet or a rocket leaves a firing device, with the aid of a device for generating a magnetic field it is possible to induce a voltage in an induction device of the missile that can be used for adjusting and triggering the igniter and optionally for controlling the missile. It is known from the prior art that the magnetic field at the firing device is generated with the aid of induction coils. The induction coils necessitate the costly provision of electrical power. In view of the fact that the device is usually arranged in the muzzle region on the firing device, it is subject to vibrations and corrosive discharge gases, this having a negative effect upon the contacts of the electrical terminals. In accordance with the invention it is therefore suggested that at least one permanent magnet (5) be arranged in the muzzle region (2) of the firing device (1) for the generation of a magnetic field (9)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

2221/MAS/1998A

(22) Date of filing of Application:05/10/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A SPHERICAL ROTARY EXHAUST
VALVE FOR USE IN ROTARY VALVE
INTERNAL COMBUSTION ENGINES.

(51)International classification: F 01 L

07/10 , F 01 L 07/16

(31) Priority Document No.08/060,358

(32) Priority Date: 12/05/1993

(33) Name of priority country: U.S.A

(87) WIPO No.:

(61) Patent of addition to

Application No.:

Filed on:

(62) Divisional to

Application No.: 109/MAS/1994

Filed on: 17/02/1994

(71) Name of Applicant

GEORGE J COATES,

Address of Applicant:

ROUTE 34 & RIDGEWOOD ROAD,

WALL TOWNSHIP,NJ,

U.S.A.

(72) Name of the Inventor(s):

GEORGE J COATES,

(57) Abstract

A spherical rotary exhaust valve for use in rotary valve internal combustion engines comprising a drum body of spherical section defined by two parallel planes of a sphere, disposed symmetrically about the center of said sphere thereby defining spherical periphery and planar sidewalls, said rotary exhaust valve formed with a shaft receiving aperture, centrally, radially disposed therethrough, said drum body formed with a doughnut- shaped cavity in each of said sidewalls thereof, about said shaft receiving aperture, said doughnut-shaped cavity segregated by a partition wall, said doughnut-shaped cavities in communication with a passageway formed in said spherical periphery of said drum body.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1886/MAS/1998A

(22) Date of filing of Application:20/08/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A BREATHABLE BARRIER
LAMINATE.

(51)International classification:B 32 B
005/18

(31) Priority Document No.08/929,562

(32) Priority Date:15/09/1997

(33) Name of priority country:U.S.A

(87) WIPO No.:

(61) Patent of addition to
Application No.:

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

KIMBERLY-CLARK WORLDWIDE,
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U.S.A.

(72) Name of the Inventor(s):

WILLIAM BELA HAFFNER.
ANN LOUISE McCORMACK.

(57) Abstract

A breathable barrier laminate is disclosed having a first film layer comprising a microporous breathable barrier film; a second film layer comprising a breathable filled film which comprises about 50% to about 70% by weight filler and an amorphous polymer such as an elastomeric ethylene polymer having a density less than 0.89 g/cm³; and a third fibrous layer comprising a breathable outer layer, such as a nonwoven web of spunbonded fibers. The multiple layers can be thermally laminated wherein laminate has a peel strength in excess of 200 grams and a WVTR in excess of 300/m²/day.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1878/MAS/1998A

(22) Date of filing of Application:19/08/1998 (43) Publication Date: 14/07/2006

(54) Title of the invention:

A DEVICE FOR SIMULTANEOUSLY PROVIDING PERMANENT INTERNET ACCESS AND NORMAL VOICE TELEPHONY TO SUBSCRIBERS.

(51)International classification:H 04 L 12/00

(31) Priority Document No.

(32) Priority Date:

(33) Name of priority country:

(87) WIPO No. :

(61) Patent of addition to Application No. :

Filed on:

(62) Divisional to Application No.:

Filed on:

(71) Name of Applicant

INDIAN INSTITUTE OF TECHNOLOGY,

Address of Applicant:

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TAMIL NADU.,
INDIA.

(72) Name of the Inventor(s):

DR.ASHOK JHUNJUNWALA.
DR.TIMOTHY ALOYSIUS GONSALVES.
DR.BHASKAR RAMAMURTHI.

(57)Abstract

A system for simultaneously providing permanent Internet access and normal voice telephony to subscribers,using a single conventional telephone line per subscriber, consisting of at least One Access Terminal comprising a DSL, DSP and ASIC with telephone interface and Ethernet interface, and at least one Access Switch comprising a DSP, buffer memory; routing engine connected to an interface module,said Access Terminal and Access Switch being located at user-premises and outside the said premises respectively, characterised in that the output side of said Access Terminal being connected to the input side of the said Access Switch by the known telephone line, while the input side of the said Access Terminal is connectable to one or more telephones on the user-premises and also to one or more computers on the said premises, and the output side of the said Access Switch is connectable to the PSIN for voice transmission and to Internet Service provided for computer data transmission.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1882/MAS/1998A

(22) Date of filing of Application:20/08/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A PROCESS FOR THE MANUFACTURE
OF A XYLANASE-RICH ENZYME
COMPLEX.

(51)International classification: C 12 N
09/00

(31) Priority Document No.97114431.6

(32) Priority Date: 21/08/1997

(33) Name of priority country: EUROPE.

(87) WIPO No.:

(61) Patent of addition to

Application No. :

Filed on:

(62) Divisional to

Application No.:

Filed on:

(71) Name of Applicant

F. HOFFMANN-LA ROCHE AG .

Address of Applicant:

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CH-4070 BASLE,
SWITZERLAND.

(72) Name of the Inventor(s):

Manfred Ringpfeil

(57) Abstract

A process for the manufacture of a xylanase-rich enzyme complex by the cultivation of a xylanase-producing microorganism of the genus *Trichoderma* in a nutrient medium comprises using in the cultivation a pre-treated thin stillage of rye as the xylanase inductor and simultaneously as the carbon source, with the pre-treatment comprising a removal of the solid constituents of the thin stillage of rye, a concentration of the non- volatile components by evaporation of water and other volatile substances as well as a subsequent autoclaving of the thin stillage of rye concentrate resulting therefrom. In a further aspect of this process in accordance with the invention, de-oiled soya meal or soya meal liquor is used as an additional xylanase inductor and as a nitrogen source; by the addition of the de-oiled soya meal or soya meal liquor to the pre-treated thin stillage of rye a further increase in the xylanase production is achieved. The enzyme complexes manufactured by the process in accordance with the invention can be used immediately in the animal feedstuff industry, especially in poultry nutrition; their use in, for example, rye-, barley- or triticale-containing feedstuffs has a favourable influence on the reduction of the antinutritive action of the non-starch polysaccharides and leads to an improved digestability and absorption of the nutrients in the intestine of the animal.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1826/MAS/1998A

(22) Date of filing of Application:13/08/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

HIGH-PERFORMANCE
BRAHMI,PERSIAN SCRIPT BASED
LANGUAGE DOT MATRIX PRINTER
USING BUILT-IN(RESIDENT)FONTS.

(51)International classification:B 41 J 29/00

(31) Priority Document No.

(32) Priority Date:

(33) Name of priority country:

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

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Address of Applicant:

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CHENNAI-600 032,
TAMIL NADU,
INDIA.

(72) Name of the Inventor(s):

P.PARTHASARATHY,
D.V.RAMARAO.

(57)Abstract

A novel high performance printer capable assembling and printing various language characters using built-in fonts, said printer comprising means for receiving data from host computer system connected to a means for processing commands from the operational panel and the host computer, memory means situated in the printer for processing the data received from the host computer system, connected to a sorter means embedded in the memory location to identify printable characters and non-printable codes, said sorter means operationally linked to a font information system, means for fetching font information from the embedded resident fonts and a means for processing non-printable codes, and memory means connected to means for providing appropriate signals to the carriage motor means to form characters and means for printing data.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

2614/MAS/1998A

(22) Date of filing of Application: 19/11/1998 (43) Publication Date: 14/07/2006

(54) Title of the invention:

A PROCESS FOR PREPARING
POLYAMIDES FROM
CAPROLACTAM.

(51) International classification: C 08 G
69/14

(31) Priority Document No. 197 52 181.9

(32) Priority Date: 25/11/1997

(33) Name of priority country: GERMANY.

(87) WIPO No.:

(61) Patent of addition to

Application No.:

Filed on:

(62) Divisional to

Application No.:

Filed on:

(71) Name of Applicant

BASF AKTIENGESELLSCHAFT

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(72) Name of the Inventor(s):

HANS-HARALD

HUNGER, ROBINIENSTR.

ALFONS LUDWIG, WEINTALSTR.

RAINER NEUBERG, DURKHEIMER.

GUNTER PIPPER, SCHLANGENTHALER
WEG.

THOMAS SAUER, REBGARTENWEG.

AXEL WILMS, RAIFFEISENSTR.

(57) Abstract

The invention relates to a process for preparing polyamides from caprolactam or from a mixture of caprolactam and further monomers selected from enanthlactam, lauryllactam, alkane dicarboxylic acids having from 6 to 12 carbon atoms and C4-C12- alkyldiamines, which process comprises

a) concentrating the water extract from the extraction of polyamide to an extractable content from 70 to 85% by weight, the polyamide being obtained from a caprolactam polymerization process,

b) adjusting the water content of the resulting concentrate to from 0.5 to 13% by weight by addition of fresh caprolactam,

c) subjecting the resulting mixture to a polymerization under polyamide- forming conditions, wherein the reaction mixture is brought to a temperature within the range from 230 to 310 C and to a pressure within the range from 5 to 40 bar, and

d) effecting at least one adiabatic expansion of the reaction mixture to a pressure within the range from 0.1 mbar to 1.8 bar, whereby the water content of the reaction mixture is reduced, and postpolymerizing the product obtained after said expansion in at least one reaction zone.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

2615/MAS/1998A

(22) Date of filing of Application: 19/11/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A PROCESS FOR CONTINUOUS
EXTRACTION OF
POLYCAPROLACTAM OR
CAPROLACTAM AND POLYAMIDE
FORMING STARTING MATERIALS.

(51) International classification: C 08 G
69/46

(31) Priority Document No. 197 52 182.7

(32) Priority Date: 25/11/1997

(33) Name of priority country: GERMANY.

(87) WIPO No. :

(61) Patent of addition to

Application No. :

Filed on:

(62) Divisional to

Application No.:

Filed on:

(71) Name of Applicant

BASF AKTIENGESELLSCHAFT ,

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GERMANY.

(72) Name of the Inventor(s):

PETER HILDENBRAND, HEINRICH-
HEINE-RING,
REINHARD LANG, SILVANERWEG,
ALFONS LUDWIG, WEINTALSTR,
GUNTER PIPPER, SCHLANGENTHALER
WEG.

(57) Abstract

The present invention relates to a process for continuous extraction of chips or flakes of polycaprolactam or of copolyamides of caprolactam and further polyamide forming starting materials in an essentially vertical extraction column using an aqueous extractant, which comprises using an extraction column that is divided into two zones and performing an extraction with a recirculating 15-40% strength by weight aqueous .epsilon.-caprolactam solution in the first zone and then with countercurrent water in the second zone, wherein the first zone of the extraction column has a larger diameter than the second zone and wherein the transition from the first zone to the second zone is equipped with a flow barrier.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

2237/MAS/1998A

(22) Date of filing of Application:07/10/1998 (43) Publication Date: 14/07/2006

(54) Title of the invention:

AN APPARATUS IN A TEXTILE SPIN
DRAW WINDING MACHINE.

(51)International classification:B 65 H

51/20 , D 01 D 5/00

(31) Priority Document No.1997 2351/97

(32) Priority Date:08/10/1997

(33) Name of priority
country:SWIZERLAND.

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

MASCHINEFABRIK RIETER AG,

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SWITZERLAND.

(72) Name of the Inventor(s):

RUDOLF HALBHEER,

(57)Abstract

The invention concerns an arrangement of inlet elements in a spin draw winding machine in which filament bundles (5, 6) guided parallel are deflected by a roll each and are taken off therefrom in which arrangement further rolls can be provided upstream from the transfer point of the filament bundles to a draw roll (4). In this arrangement, the difference between the wrapping angles of each filament bundle on the roll, or on the rolls respectively, is not to exceed 50% of the smaller wrapping angle for either of the filament bundles. Furthermore, it proves advantageous if the sum of all wrapping angles for each filament bundle is about 120 degrees or more.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

2462/MAS/1998A

(22) Date of filing of Application:02/11/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A METHOD AND AN APPARATUS FOR
PATTERN RECOGNITION.

(51)International classification: G 10 L
15/26

(31) Priority Document No.9723214.4

(32) Priority Date:03/11/1997

(33) Name of priority country: ENGLAND.

(87) WIPO No. :

(61) Patent of addition to
Application No. :
Filed on:

(62) Divisional to
Application No.:
Filed on:

(71) Name of Applicant

BRITISH TELECOMMUNICATIONS
PUBLIC LIMITED COMPANY,

Address of Applicant:
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ENGLAND.

(72) Name of the Inventor(s):

SIMON ALEXANDER HOVELL,
MARK WRIGHT,
SIMON PATRICK ALEXANDER
RINGLAND,

(57) Abstract

A method and apparatus recognising a pattern comprising a sequence of sub-patterns, a set of possible patterns is modelled by a network of sub-pattern models. One or more initial software model objects are instantiated first. As these models produce outputs, succeeding model objects are instantiated if they have not already been instantiated. However, the succeeding model objects are only instantiated if a triggering model output meets a predetermined criterion. This ensures that the processing required is maintained at a manageable level.

If the models comprise finite state networks, pruning of internal states may also be performed. The criterion applied to this pruning is less harsh than that applied when determining whether to instantiate a succeeding model.

The invention is applicable to speech recognition amongst other applications.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1890/MAS/1998A

(22) Date of filing of Application: 21/08/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A THERMALLY STABLE
BREATHABLE FILM.

(51) International classification: C 08 L

25/02 , C 08 J 05/18, 09/28 , C 08 L 23/08 ,

A 61 L 15/22 , B 32 B 27/32 .

(31) Priority Document No. 60/059,001 .

09/122,326 .

(32) Priority Date: 15/09/1997 . 24/07/1998.

(33) Name of priority country: USA, USA

(87) WIPO No. :

(61) Patent of addition to

Application No. :

Filed on:

(62) Divisional to

Application No.:

Filed on:

(71) Name of Applicant

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(72) Name of the Inventor(s):

SUSAN ELAINE SHAWVER,
PAUL WINDSOR ESTEY,
WILLIAM BELA HAFFNER,
CINDY JANJA BLACSTOCK,
GLYNIS ALLICIA WALTON,
DUANE GIRARD UITENBROEK.

(57) Abstract

The present invention relates to a thermally stable breathable film, comprising a microporous film comprising a thermoplastic polymer blend and a filler, said thermoplastic polymer blend comprising a first ethylene polymer having a density below 0.89 g/cm³ and a second ethylene polymer having a density above 0.90 g/cm³ and wherein said first ethylene polymer and said second ethylene polymer each comprise between 25% by weight and 75% by weight of said thermoplastic polymer blend; a filler comprising at least 35% by weight of said microporous film; and wherein said microporous film has voids adjacent said filler and further wherein said film has a WVTR of at least 300 g/m²/24 hours at 37 C and less than 15% heat shrinkage at 37 C.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1835/MAS/1998A

(22) Date of filing of Application: 13/08/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A REEL FRO WINDING UP HOT OR
COLD STRIP INTO A COIL.

(51)International classification: B 65 H

75/02 , B 21 C 47/06

(31) Priority Document No.197 36 260.5 ,
198 09 810.3

(32) Priority Date: 15/08/1997, 09/03/1998

(33) Name of priority country: GERMANY,
GERMANY,

(87) WIPO No. :

(61) Patent of addition to

Application No. :

Filed on:

(62) Divisional to

Application No.:

Filed on:

(71) Name of Applicant

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40237 DUSSELDORF,

GERMANY.

(72) Name of the Inventor(s):

MARTIN BRAUN,

REINHARD IRLE,

ADOLF MULLER.

(57) Abstract

A reel for winding up hot or cold strip into a coil, comprising a reel mandrel as well as pressure rollers, deflection shells and an intake shaft, wherein the deflection shells have channels, the outlet opening of which lies in the region of the shells, the channels and the outlet openings thereof are arranged in the direction of running of the strip to be coiled and the channels are connected to a supply system for medium, characterised in that the pressure rollers are constructed as comb rollers, that the outlet openings of the channels are oriented to the comb gaps of the comb rollers downstream in the strip running direction and that pressure medium can be fed by way of the deflection shells down-stream of the comb gaps in strip running direction.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1725/MAS/1998A

(22) Date of filing of Application: 31/07/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

CONTROLLER FOR VEHICLE
ALTERNATOR.

(51) International classification: H 02 K
26/00

(31) Priority Document No.

(32) Priority Date:

(33) Name of priority country:

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

MITSUBISHI DENKI KABUSHIKI
KAISHA,

Address of Applicant:

2-3,MARUNOUCHI 2-CHOME,
CHIYODA-KU,
TOKYO 100-8310,
JAPAN.

(72) Name of the Inventor(s):

KEIICHI KOMURASAKI.
HIROFUMI WATNABE.

(57) Abstract

The present invention relates to a controller for a vehicle alternator. In a control device of an a.c. generator for a vehicle which is designed in such a way that for a first time right after an engine having been started, an output of the a.c. generator is suppressed to a minimum value, and for a second time following the first time, the output of the a.c. generator is gradually increased from the minimum value up to a maximum value to stabilize the revolution of the engine, the invention is intended to shorten a period of time required to suppress the output of the generator at high temperatures to thereby prevent a reduction in the charging performance of a battery .At high temperatures, a time interval of a timer 402, to which the first period of time is set, and a discharging time constant of a capacitor 407, which defines the second period of time, are both shortened on the basis of an output a of a temperature sensor 410.At high temperatures, a detection threshold for a revolution detector 40 I, on the basis of which the start of the engine is detected, is set to a low level to shorten an initial excitation period of the generator.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1707/MAS/1998A

(22) Date of filing of Application:30/07/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

METHOD OF CONTROLLING
COMMUNICATION RESOURCES IN A
TELECOMMUNICATIONS SYSTEM.

(71) Name of Applicant

NOKIA TELECOMMUNICATIONS OY

(51)International classification: G 08 C
13/00

Address of Applicant:

Keilalahdentie 4,
FIN-02150 Espoo,
FINLAND.

(31) Priority Document No.973169

(32) Priority Date:31/07/1997

(33) Name of priority country: FINLAND.

(72) Name of the Inventor(s):

RINNE,MIKKO J
AHMAVAARA,KALLE
VIRTANEN, TERHI

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(57) Abstract

According to the method of the invention. connections are divided into at least two different connection classes according to their requirements for transmission delay. The control system of the base station subsystem maintains a record of the transmission needs of the users logged in different categories and based thereon divides the available radio resources into slots of suitable capacity. For connections with stringent requirements for transmission delay, circuit-switched connections are allocated with a bandwidth which can be controlled dynamically. Then from the resource pool still unassigned after the resource allocation to the circuit-switched connections, a sufficient amount of resources are allocated on a time-limited basis allocation for each allocation period to connections having a higher tolerance for delay so as to accomplish transmission, e.g. of a given amount of data.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1340/MAS/1998A

(22) Date of filing of Application: 18/06/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A POWER SEMICONDUCTOR
MODULE HAVING A PLURALITY OF
SUBMODULES.

(51) International classification: H 01 L
25/07

(31) Priority Document No. 197 26 534.0

(32) Priority Date: 23/06/1997

(33) Name of priority country: GERMANY.

(87) WIPO No. :

(61) Patent of addition to

Application No. :

Filed on:

(62) Divisional to

Application No.:

Filed on:

(71) Name of Applicant

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(72) Name of the Inventor(s):

THOMAS STOCKMEIER.

(57) Abstract

The present invention discloses a power semiconductor module 10 having encapsulated submodules 1 which, for example, is suitable for power switches, rectifiers for the like in industrial or traction drives. The submodules 1 have a sandwiched structure made up of a ceramic substrate, one or a few power semiconductor chips and a molybdenum wafer, and are potted in plastic. They are held in plug-in locations 19 on a common baseplate 11 and make contact via a stack arrangement of conductors 12, 14, 18. Retention and contact of the submodules 1 take place reversibly via pressure contacts 15, 16, 20, clamp contacts 21 or the like. Important advantages of the power semiconductor module 10 relate to the simple and easily scaleable structure, improved ability to withstand thermal load cycles, and the robustness and easy interchangeability of the submodules.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1568/MAS/1998A

(22) Date of filing of Application: 14/07/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

AN ARRANGEMENT, IN PARTICULAR,
FOR AN ELECTRONIC CONTROL UNIT
AND A METHOD THEREOF.

(51) International classification: H 05 K 7/20

(31) Priority Document No. 197 36 962.6

(32) Priority Date: 25/08/1997

(33) Name of priority country: GERMANY.

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

ROBERT BOSCH GMBH,

Address of Applicant:

P.O. BOX 30 02 20,
70442, STUTTGART,
GERMANY.

(72) Name of the Inventor(s):

BERND WEBER,
DIETMAR HOFSAESS,
WERNER BURSCHKAU,
THOMAS DITTRICH,
PETER SCHIEFER,

(57) Abstract

In order, in the case of an arrangement comprising a carrier substrate and a heat sink, the carrier substrate being provided with at least one power component, which is arranged on a first large-area conductor track, on a first side and with a second large-area conductor track on a second side opposite to the power component, which second large-area conductor track is thermally conductively connected to the first conductor track via plated-through holes, the carrier substrate being applied by the second side to the heat sink in a thermally conductive manner, to realize good thermal coupling of the carrier substrate to the heat sink and, at the same time, to avoid undesirable electrical contact between potential-carrying conductor tracks and the heat sink, it is proposed to place the carrier substrate with spacer elements, which are arranged on the second side, onto the heat sink and keep it at a defined spacing from the heat sink, the gap, formed by the spacing, between the carrier substrate and the heat sink being filled with a thermally conductive filler.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1592/MAS/1998A

(22) Date of filing of Application: 16/07/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A SUSPENSION SYSTEM.

(71) Name of Applicant

HITACHI GLOBAL STORAGE

TECHNOLOGIES NETHERLANDS B.V,

Address of Applicant:

LOCATELLIKADE

1, PARNASSUSTOREN,

1076 AZ AMSTERDAM,

NETHERLAND.

(51) International classification: G 11 B

005/48 , G 11 B 021/16

(31) Priority Document No. 08/917,154

(72) Name of the Inventor(s):

SATYA PRAKASH ARYA,

A. DAVID ERPELDING,

DARELL DEAN PALMER,

SURYA PATTANAIK.

(32) Priority Date: 25/08/1997

(33) Name of priority country: USA

(87) WIPO No. :

(61) Patent of addition to

Application No. :

Filed on:

(62) Divisional to

Application No.:

Filed on:

(57) Abstract

A suspension member has integral electrical conductor leads which extend along its length to a rear tail section. The leads extend beyond the tail section for electrical connection with a reception pad member. The distal ends of the leads have recessed areas in the terminal edge to encourage the flow of liquid solder into the joint. The tail section has a pair of tab members which are received in apertures in the reception pad member in order align the leads correctly.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1612/MAS/1998A

(22) Date of filing of Application:20/07/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

SWITCHGEAR.

(71) Name of Applicant

MITSUBISHI DENKI KABUSHIKI

KAISHA,

Address of Applicant:

2-3,MARUNOUCHI 2-

CHOME,CHIYODA-KU,TOKYO 100-

8310,

JAPAN.

(51)International classification: H 02 B

11/00

(31) Priority Document No.9-198543

(32) Priority Date:24/07/1997

(33) Name of priority country: JAPAN

(87) WIPO No. :

(72) Name of the Inventor(s):

YOSHINORI UCHIDA,

COICHI SHICHIDA,

YOSHIHIRO OOKAWA.

(61) Patent of addition to

Application No. :

Filed on:

(62) Divisional to

Application No.:

Filed on:

(57)Abstract

A switchgear comprising an electrically insulating frame having an operating mechanism accommodated at its front portion and having a main circuit accommodated at its rear portion. The insulating frame defines a space surrounded at three sides by opposing side insulating walls and a rear insulating wall arranged substantially in a U-shaped cross section. The insulating frame also supports a switch portion within the space and supports a terminal conductor leads from the switch portion extending through the rear insulating wall to project toward the rear of the switchgear. The switchgear also comprises an electrically insulating cover covering at a front side of the insulating frame at least the rear end, the top end and the opposing side ends of the operating mechanism. Also, the switchgear may comprises a face plate disposed to a front portion of the switchgear and an operating mechanism disposed between the face plate and the insulating frame. Therefore, the insulating distance between the components can be made small and no metal casing is necessary, allowing the switchgear to be small-sized and simple in structure.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1630/MAS/1998A

(22) Date of filing of Application:21/07/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A METHOD FOR MEASURING A
VALVE OF A CONDITION AND A
CONDITION MEASURING CIRCUIT.

(51)International classification: G 01 F 001

(31) Priority Document No.08/901,686

(32) Priority Date:28/07/1997

(33) Name of priority country: USA

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

MICRO MOTION,INC,

Address of Applicant:

7070 WINCHESTER CIRCLE,
BOULDER,
COLORADO 80301,
USA.

(72) Name of the Inventor(s):

PAUL J.HAYS,
MICHAEL J.ZOLOCK,

(57)Abstract

A circuit for utilizing multiple resistive sensors (109,110) and in particular resistive temperature sensors while minimizing the number of conductors (308,309,310) necessary to measure the multiple sensors. The multiple sensors are connected in series and the voltage is measured at each node in the series connection of sensors. A switching device (Fo) then opens to remove one of the sensors from the voltage supply (5v) allowing a measurement to be made of the resistance of the conductor between the temperature sensors and a remote transmitter (20). The measured sensor resistances are then compensated with the measured conductor resistance to obtain a conductor-length compensated resistance for each of the multiple resistive sensors.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1118/MAS/1998A

(22) Date of filing of Application:26/05/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A METHOD FOR REDUCING THE
NUMBER OF MESSAGES NEEDED TO
TRANSFER DATA IN A
DETERMINISTIC MANNER BETWEEN
A PLURALITY OF NODES.

(51)International classification: H 04 L
12/413

(31) Priority Document No.08/863,531

(32) Priority Date:27/05/1997

(33) Name of priority country: USA

(87) WIPO No. :

(61) Patent of addition to

Application No. :

Filed on:

(62) Divisional to

Application No.:

Filed on:

(71) Name of Applicant

MICRO MOTION,INC,

Address of Applicant:

7070 WINCHESTER CIRCLE,
BOULDER,
COLORADO 80301,
USA.

(72) Name of the Inventor(s):

THOMAS C GREEN,
PAUL J HAYS,
ALLAN L SAMSON,
JEFFREY S WALKER,
MICHAEL J ZOLOCK,

(57)Abstract

An apparatus and method for deterministically communicating data between multiple nodes (500) in a fashion that is consistent with the Controller Area Network ("CAN") communications protocol. The system applies to multiple nodes that functional blocks within an operating system environment and to multiple nodes that are each connected to a serial bus (501). The system utilizes standard CAN error checking, bus arbitration and message formatting and therefore uses standard CAN controllers and transceivers. One node on the bus is selected as the master node. The master node issues a periodic synchronization signal (401,411) which defines time divisions (TDn) within which the operations of each node and communications over the CAN bus are organized. Data, particularly real-time data, is transmitted between nodes on the CAN bus during a known time division. Standard CAN bus arbitration is used to ensure that real-time data is transmitted over the CAN bus prior to the transmission of non-real-time data. This ensures that real-time data is,if appropriate, transmitted during each time division.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA	(21) APPLICATION No:1204/MAS/1998A
(22) Date of filing of Application:03/06/1998	(43) Publication Date: 14/07/2006
(54) Title of the invention: IMPROVING THE FLOW FIELD IN THE INLET PLENUM OF A FLUIDISED BED.	(71) Name of Applicant THE BROKEN HILL PROPRIETARY COMPANY LIMITED, Address of Applicant: 600 BOURKE STREET,MELBOURNE, VICTORIA 3000, AUSTRALIA.
(51)International classification: B 01 J 08/44	(72) Name of the Inventor(s): ALLON DUDLEY BRENT, ROSS JEFFREY HAYWOOD, WILLIAM DAVID WARNICA, GRANT CAFFERY.
(31) Priority Document No.P07154	
(32) Priority Date:03/06/1997	
(33) Name of priority country: AUSTRALIA.	
(87) WIPO No. :	
(61) Patent of addition to Application No. :	
Filed on:	
(62) Divisional to Application No.:	
Filed on:	

(57) Abstract

A gas plenum assembly for a fluidised bed apparatus, including a structure defining one or more side and base walls about a plenum chamber and means defining an inlet for gas to the chamber, arranged so that the gas flows generally upwardly into the chamber from the inlet. The assembly includes distributor means 'overlying the chamber, having multiple openings through which the gas exits the chamber for forming a fluidised bed above the distributor means. Means are disposed between the inlet and the distributor means for spreading the gas flow among the openings. The gas flow spreader means has a plurality of apertures for the gas flow there through, and the gas flow spreader means and the flow apertures are sized and arranged to substantially reduce cross- flow velocity of the gas at the openings.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1319/MAS/1998A

(22) Date of filing of Application: 17/06/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

CATALYTIC COMPOSITION AND
PROCESS FOR OLIGOMERISING
ETHYLENE IN PARTICULAR TO 1-
BUTENE AND/OR 1-HEXENE.

(51) International classification: B 01 D
031/00, C 07 C 002/24

(31) Priority Document No. 97/07613

(32) Priority Date: 17/06/1997

(33) Name of priority country: FRANCE

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

INSTITUT FRANCAIS DU PETROLE,

Address of Applicant:

4, avenue de Bois Preau,
92852 Rueil-Malmaison,
FRANCE.

(72) Name of the Inventor(s):

DOMINIQUE COMMEREUC,
SEBASTIEN DROCHON,
LUCIEN SAUSSINE.

(57) Abstract

A process for oligomerising ethylene to produce I-butene and/or I-hexene uses a catalytic composition obtained by mixing at least one chromium compound with at least one aryloxy aluminium compound with general formula $R_nAl(R'O)_{3-n}$ where R is a linear or branched hydrocarbyl radical containing 1 to 30 carbon atoms, R'O is an aryloxy radical containing 6 to 80 carbon atoms and n is a whole number which can take the values 0, 1 or 2, and with at least one other hydrocarbyl aluminium compound selected from tris(hydrocarbyl)aluminium compounds or chlorinated or brominated hydrocarbyl aluminium compounds.

The catalytic composition is also claimed.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1419/MAS/1998A

(22) Date of filing of Application: 25/06/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

FUEL SUPPLYING APPARATUS.

(71) Name of Applicant

MITSUBISHI DENKI KABUSHIKI

KAISHA,

Address of Applicant:

2-3, MARUNOUCHI 2-CHOME,

CHIYODA-KU, TOKYO 100,

JAPAN.

(51) International classification: F 02 M

37/14

(31) Priority Document No. 9-260416

(32) Priority Date: 25/09/1997

(33) Name of priority country: JAPAN

(72) Name of the Inventor(s):

SHUZO ISOZUMI.

MASAHIKO FUJITA.

TATSUYA IKEGAMI.

(87) WIPO No. :

(61) Patent of addition to

Application No. :

Filed on:

(62) Divisional to

Application No.:

Filed on:

(57) Abstract

The fuel supplying apparatus of the invention comprises a fuel injector 1 injecting a fuel; a fuel tank 2; fuel paths 4 and 5 connecting the fuel injector 1 and the fuel tank 2; a low-pressure fuel pump 10 provided in the upstream; a high-pressure fuel pump 3 which is provided between the low-pressure fuel pump 10 and the fuel injector 1, a cylinder having a sliding hole 41 a, and a plunger 43 arranged reciprocally movably in the sliding hole 41a, sucks and pressurizes the fuel through a sucking port 5c into the fuel pressurizing chamber 45, discharges the pressurized fuel from a discharge port 4d, and pressure-transfers the fuel to the fuel injector 1; and a high-pressure regulator, which is provided between the high-pressure fuel pump 3 of the fuel path 4 and adjusts pressure of the fuel discharged from the high-pressure fuel pump 3.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1420/MAS/1998A

(22) Date of filing of Application: 25/06/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A BLADE FOR ROTOR CRAFT
ROTORS.

(51) International classification: B 64 C

11/18 , B 64 C 27/467

(31) Priority Document No. 97 07915

(32) Priority Date: 25/06/1997

(33) Name of priority country: FRANCE.

(87) WIPO No.:

(61) Patent of addition to
Application No.:

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

(1) EUROCOPTER,

(2) ONERA.

Address of Applicant:

(1) 13725 MARIGNANE, CEDEX,
FRANCE.

(2) 29 AVENUE DE LA, DIVISION,
LECLERC 92320 CHATILLON,
FRANCE.

(72) Name of the Inventor(s):

ANNE MARIE RODDE,

JOEL RENEAUX,

JEAN JACQUES THIBERT,

(57) Abstract

The present invention concerns a blade for rotor craft rotors comprising a profile wherein between a leading edge (1 A) and a trailing edge (1B), an extrados (2) and an intrados (3) the camber of which is defined by the geometrical locus of points equidistant from them. In accordance with the invention, the ratio of the maximal thickness varies in a linear fashion with the relative thickness of the profile (1) and is in the range 0.13 to 0.19 for a relative thickness of 7% of the chord (C) and is in the range 0.18 to 0.24 for a relative thickness of 15% of the chord (C).

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1060/MAS/1999A

(22) Date of filing of Application:04/11/1999

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A PROCESS FOR FORMING AN
ELECTROMIGRATION-RESISTANT
ELECTROPLATED COPPER FILM AND
AN ELECTRODEPOSITED COPPER
FILM.

(51)International classification: B32B

15/01, C236 28/00

(31) Priority Document No.09/203, 926

(32) Priority Date:02/12/1998

(33) Name of priority country: USA

(87) WIPO No. :

(61) Patent of addition to

Application No. :

Filed on:

(62) Divisional to

Application No.:

Filed on:

(71) Name of Applicant

INTERNATIONAL BUSINESS
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ARMONK, NEW YORK 10504.,
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(72) Name of the Inventor(s):

CYPRIAN E UZOH,
STEVEN H BOETTCHER,
PATRICK W DEHAVEN,
CHRISTOPHER C PARKS,
ANDREW H SIMON.

(57)Abstract

An electromigration-resistant copper film structure and the process for forming the structure. The film structure contains a high impurity content, is resistant to grain growth, and possesses superior metallurgical, thermo-mechanical, and electrical properties. The process comprises the steps of: (a) providing a seed layer at least indirectly on a substrate, the seed layer having an exposed surface; (b) immersing the substrate in a plating solution; (c) electrodepositing a copper-containing film on the exposed surface. of the seed layer, the copper-containing film having a first surface; (d) maintaining the substrate in an immersed state within the plating solution; (e) electrodepositing a further copper-containing film from the plating solution onto the first surface; (f) removing the substrate from the plating solution; and (g) drying the substrate.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

2220/MAS/1998A

(22) Date of filing of Application:05/10/1998

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A SPHERICAL ROTARY INTAKE
VALVE FOR USE IN ROTARY VALVE
INTERNAL COMBUSTION ENGINES

(51)International classification: F01L 7/10,
F01L 7/16

(31) Priority Document No.08/060, 358

(32) Priority Date:12/05/1993

(33) Name of priority country: USA

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

GEORGE J COATES

Address of Applicant:

ROUTE 34 & RIDGEWOOD ROAD,
WALL TOWNSHIP, NJ,
USA.

(72) Name of the Inventor(s):

GEORGE J COATES

(57) Abstract

A spherical rotary intake valve for use in rotary valve internal combustion engines comprising a drum body of spherical section defined by two parallel planes of a sphere disposed symmetrically about the center of said sphere thereby defining a spherical periphery and planar sidewalls. The rotary intake valve formed with a shaft receiving aperture centrally, radially disposed therethrough, drum body formed with a doughnut-shaped cavity in each of said sidewalls thereof, about shaft receiving aperture, doughnut cavities segregated by a partition wall, doughnut-shaped cavities in communication with a passageway formed in spherical periphery of drum body.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) APPLICATION No: 352/MAS/1998A
(22) Date of filing of Application: 20/02/1998 (43) Publication Date: 14/07/2006

(54) Title of the invention: IMPROVED CATALYTIC COMPOSITION AND A PROCESS FOR CONVERTING ETHYLENE TO LIGHT ALPHA OLEFINS (51) International classification: CO73 02/30 (31) Priority Document No.97/02328 (32) Priority Date: 25/02/1997 (33) Name of priority country: FRANCE. (87) WIPO No. : (61) Patent of addition to Application No. : Filed on: (62) Divisional to Application No.: Filed on:	(71) Name of Applicant INSTITUT FRANCAIS DU PETROLE Address of Applicant: 4 AVENUE DE BOIS PREAU, 92852 RUEILL MALMAISON CEDEX, FRANCE. (72) Name of the Inventor(s): COMMEREUC DOMINIQUE, BOIVINEAU SERGE, HUGUES FRANCOIS, SAUSSINE LUCIEN.
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(57) Abstract

A catalytic composition for the production of light alpha olefins by ethylene oligomerisation is produced by mixing a zirconium compound with an organic compound selected from the group formed by acetals and ketals, with an aluminium hydrocarbyl compound selected from the group formed by chlorine containing or bromine-containing aluminium hydrocarbyl compounds and with an aluminium hydrocarbyl compound selected from the tris-(hydrocarbyl)-aluminium compounds. Addition of a tris-(hydrocarbyl)-aluminium compound greatly increases the activity. A process for producing light alpha olefins by ethylene oligomerisation is also claimed.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA	(21) APPLICATION No: 910/MAS/2001A
(22) Date of filing of Application:07/11/2001	(43) Publication Date: 14/07/2006
(54) Title of the invention: VEGETABLE AND FRUIT REFRIGERATOR FOR USE IN SUPER MARKETS AND COLD STORAGES.	(71) Name of Applicant PAPPALI GOPALAN CHILPRAKASH
(51)International classification: F 25 D 11/00	Address of Applicant: CHILTON VILLA, MATHER NAGAR, CHANGANPUZHA NAGARA PO, SOUTH KALAMASSERY, KOCHI-682 033, INDIA
(31) Priority Document No.	(72) Name of the Inventor(s): PAPPALI GOPALAN CHILPRAKASH
(32) Priority Date:	
(33) Name of priority country:	
(87) WIPO No. :	
(61) Patent of addition to Application No. :	
Filed on:	
(62) Divisional to Application No.:	
Filed on:	

(57) Abstract

A vegetable and /or fruit refrigerator comprised of an outer tank fitted polyurethane foam in it's inner side; an inner tank; a middle tank fitted upon any one of the inner tank and comprising of cooling tubes for flow of refrigerant and a hole for filling water; a thermal conductivity paste being applied in between the space between the inner and middle tanks; the said water filled into the middle tank cooled when refrigerant is passed in the said cooling tubes which cooling is dissipated to the inner tank through a paste medium and eventually to the said vegetables/fruits placed inside the inner tank; a hinged door is fitted with glass for preventing the loss of colling.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) APPLICATION No: 986/CHE/2003A
(22) Date of filing of Application: 04/12/2003 (43) Publication Date: 14/07/2006

(54) Title of the invention: A METHOD OF FACSIMILE COMMUNICATION OVER DATA NETWORKS. (51) International classification: H 04 L 9/00, H 04 N 1/00 (31) Priority Document No. (32) Priority Date: (33) Name of priority country: (87) WIPO No. : (61) Patent of addition to Application No. : Filed on: (62) Divisional to Application No.: Filed on:	(71) Name of Applicant SAMSUNG ELECTRONICS CO.LTD, Address of Applicant: J.P TECHNO PARK, 3/1, MILLERS ROAD, BANGALORE-560 052, KARNATAKA, INDIA. (72) Name of the Inventor(s): CHOWDARY RAJNEESH, VERMA, ARABINDA.
--	---

(57) Abstract

The proposed invention enables facsimile communication over data network via file exchange method either offline or in realtime. The invention is an alternative method of transmission and reception of facsimile over data network other than T.37 and T.38 ITU- T recommendations. The invention uses a simple, easy-to-implement and light weight file exchange mechanism. The fax device proposed in the invention includes a user interface unit for handling user input information. The invention comprises of two steps i.e. fax transmission and fax reception. Fax transmission basically involves establishing network connection with the remote fax machine based on the obtained address information and transmission of scanned document along with cover header using any of the file transfer protocols in the selected format which can be either one of the capability set obtained or default. The fax reception involves detection of user information and upon authentication, the capability set is sent to the remote fax transmission device. This is followed by fax reception and printing of fax data.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1060/MAS/1999A

(22) Date of filing of Application:04/11/1999

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A PROCESS FOR FORMING AN
ELECTROMIGRATION-RESISTANT
ELECTROPLATED COPPER FILM AND
AN ELECTRODEPOSITED COPPER
FILM.

(51)International classification:B32B 15/01,
C236 28/00

(31) Priority Document No.09/203, 926

(32) Priority Date:02/12/1998

(33) Name of priority country:USA

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

INTERNATIONAL BUSINESS
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Address of Applicant:

ARMONK, NEW YORK 10504.,
USA.

(72) Name of the Inventor(s):

CYPRIAN E UZOH,
STEVEN H BOETTCHE,
PATRICK W DEHAVEN,
CHRISTOPHER C PARKS,
ANDREW H SIMON.

(57)Abstract

An electromigration-resistant copper film structure and the process for forming the structure. The film structure contains a high impurity content, is resistant to grain growth, and possesses superior metallurgical, thermo-mechanical, and electrical properties. The process comprises the steps of: (a) providing a seed layer at least indirectly on a substrate, the seed layer having an exposed surface; (b) immersing the substrate in a plating solution; (c) electrodepositing a copper-containing film on the exposed surface. of the seed layer, the copper-containing film having a first surface; (d) maintaining the substrate in an immersed state within the plating solution; (e) electrodepositing a further copper-containing film from the plating solution onto the first surface; (f) removing the substrate from the plating solution; and (g) drying the substrate.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1167/MAS/1999A

(22) Date of filing of Application:03/12/1999

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A CURABLE SILICONE RUBBER
COMPOSITION FOR MAKING
VIBRATION ISOLATORS

(51)International classification:F16F 7/00,
CO8G 77/00, CO8L 83/00

(31) Priority Document No.

(32) Priority Date:

(33) Name of priority country:

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

INDIAN SPACE RESEARCH
ORGANISATION, OF DEPARTMENT

Address of Applicant:

SPACE, ANTARIKSH BHAVAN, NEW
BEL ROAD, BANGALORE 560 094.,
INDIA.

(72) Name of the Inventor(s):

Dr. VENKATARAMA
GOPALAKRISHNAN,
Sri. KADARKARIANDI
SURYANARAYANAN,
Dr. SUGGU SURYA BHAGAWAN,
Sri. SIVARAMA IYER SIVAKUMAR.

(57)Abstract

This invention relates to a curable silicone rubber composition for making vibration mounts. The composition consists of 20 to 80 parts of silicone rubber of grade A shore strength 40, 80 to 20 parts by weight of silicone rubber of grade A shore strength A80 and .2 to 5 parts by weight of dicumyl peroxide per 100 parts by weight of the rubber composition. The composition of these two grades of silicone rubber exhibit better shock absorbing properties.

The invention also includes a method of producing vibration isolator by compression moulding the above composition.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA	(21) APPLICATION No: 971/MAS/1999A
(22) Date of filing of Application:04/10/1999	(43) Publication Date: 14/07/2006
(54) Title of the invention: HEAT EXCHANGER WITH A CONNECTION.	(71) Name of Applicant BORSIG GMBH
(51)International classification:F 28F9/26, F28F1/00, F28F1/02.	Address of Applicant: EGELLSSTRASSE 21, 13507 BERLIN,, GERMANY.
(31) Priority Document No.198 47 770.8	
(32) Priority Date:16/10/1998	
(33) Name of priority country:GERMAN.	(72) Name of the Inventor(s): PETER BRUCHER, DAVID J BROWN, JOHN R BREWER.
(87) WIPO No. :	
(61) Patent of addition to Application No. :	
Filed on:	
(62) Divisional to Application No.:	
Filed on:	
(57)Abstract	

A heat exchanger with a connection that connects an uncooled pipe to several cooled pipes. The connection (3) has a cylindrical intake section that communicates with the uncooled pipe (2) and merges into an outward-tapering terminating section (9). The terminating section encloses several gas-conveying channels. Each gas-conveying channel extends out of the intake section coaxial to one of the cooled pipes (4). The gas-conveying channels (10) branch out in the shape of a star from the connection's intake section (8). The cooled pipes are inserted into a floor (6) and arrayed along a segment of a circle. The gas-conveying channels are arrayed along the same segment.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1090/MAS/1999A

(22) Date of filing of Application: 11/11/1999

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A PROCESS FOR THE HOMOGENEOUS
OXIDATION OF ALKYL BENZENE
CATALYZED BY HETEROPOLY
COMPOUNDS.

(71) Name of Applicant

INDIAN INSTITUTE

(51) International classification: CO7C 37/60

Address of Applicant:

TECHNOLOGY, I.I.T. P.O., CHENNAI
600 036, TAMIL NADU.,
INDIA.

(31) Priority Document No.

(32) Priority Date:

(33) Name of priority country:

(72) Name of the Inventor(s):

(87) WIPO No. :

BALASUBRAMANIAN

(61) Patent of addition to
Application No. :

VISWANATHAN,
ATHILAKSHMI.

Filed on:

(62) Divisional to
Application No.:

Filed on:

(57) Abstract

process for the homogeneous oxidation of alkyl benzene catalyzed by heteropoly compounds comprises the steps of carrying out the homogeneous oxidation of the said alkyl benzene in a solvent selected from (i) acetonitrile (ii) acetic acid, in the presence of a heteropolymolybdate as catalyst. The temperature range is 300-335 K. The oxidizing agent is selected from (i) hydrogen peroxide (ii) tert-butyl hydroperoxide. The resulting products are extracted into dichloromethane and the catalyst is removed by washing with water.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No: 835/MAS/1999A

(22) Date of filing of Application:19/08/1999

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A PEDAL BRACKET.

(51)International classification:B 60 K
23/02

(31) Priority Document No.252229/1998

(32) Priority Date:07/09/1998.

(33) Name of priority country:JAPAN.

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:
Filed on:

(71) Name of Applicant

SUZUKI MOTOR CORPORATION

Address of Applicant:

300, TAKATSUKA-CHO,
HAMAMATSU-SHI, SHIZUOKA-KEN,,
JAPAN.

(72) Name of the Inventor(s):

MAKOTO KOIWAI,
KOJI ANDO.,

(57)Abstract

The present invention provides a pedal bracket whose upper part and front part are attached to the cabin side of a dash panel and which rotatably supports the upper end portion of a pedal arm, characterized in that a notch portion is provided so as to form a space in a region between the lower side of an upper attaching portion of the pedal bracket and the cabin side near a support portion for the pedal arm.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA	(21) APPLICATION No: 786/MAS/1999A
(22) Date of filing of Application:03/08/1999	(43) Publication Date: 14/07/2006
(54) Title of the invention: EQUIPMENT FOR GENERATION OF SHAFT INFORMATION OF A LIFT INSTALLATION.	(71) Name of Applicant INVENTIO AG
(51)International classification:B66 B 5/00, B66 B 3/02.	Address of Applicant: SEESTRASSE 55, CH-6052 HERGISWIL,, SWITZERLAND.
(31) Priority Document No.98 810822.1	
(32) Priority Date:21/08/1998	
(33) Name of priority country:EUROPEAN.	(72) Name of the Inventor(s): JOSE LUIS LACARTE ESTALLO.
(87) WIPO No. :	
(61) Patent of addition to Application No. :	
Filed on:	
(62) Divisional to Application No.:	
Filed on:	

(57)Abstract

In this equipment for generation of shaft information, transmitter elements (10, 12) of a lift shaft (3) are arranged at the back part (7) of a frame (4) of a storey door (2). By means of the transmitter elements (10, 12), switchable transmitters are arranged at the back part of a frame of a cage door. Mounting time and costs are substantially reduced by the arrangement of the transmitter elements and transmitters at existing components.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1155/MAS/1999A

(22) Date of filing of Application:29/11/1999

(43) Publication Date: 14/07/2006

(54) Title of the invention:

SYSTEM AND METHOD FOR
DETECTING A VALVE-RELATED
FAULT CONDITION FOR AN
INTERNAL COMBUSTION ENGINE.

(51)International classification:GO1M
15/00

(31) Priority Document No.09/213, 786

(32) Priority Date:17/12/1998

(33) Name of priority country:USA.

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

CUMMINS ENGINE COMPANY, INC.,

Address of Applicant:

500 JACKSON STREET, COLUMBUS,
INDIANA 47201,,
USA.

(72) Name of the Inventor(s):

EDWARD J LEWANDOWSKI,
SCOTT G DECKER.

(57)Abstract

A system and method for detecting a fault condition in an internal combustion engine utilizes the intake air temperatures at each of a plurality of cylinder sections of the engine. An average value of the plurality of intake air temperatures is compared to each of the individual temperatures at discrete time increments. The rate of change of each intake air temperature relative to the average temperature value is assessed to determine if a valve-related fault condition has occurred. In a further feature of the system and method, a plurality of temperature differential values over several time increments are differentiated. The resulting plurality of differentiated values are integrated, or summed, over the time period, which result is compared to a threshold value indicative of a valve-related failure.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No:

1113/MAS/1999A

(22) Date of filing of Application:15/11/1999

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A LOW DENSITY CURABLE COATING COMPOSITION AND A PROCESS FOR PREPARING THE SAME.

(51)International classification:CO9D

143/00, F42 B 15/34, B64G 1/58.

(31) Priority Document No.

(32) Priority Date:

(33) Name of priority country:

(87) WIPO No. :

(61) Patent of addition to

Application No. :

Filed on:

(62) Divisional to

Appclcation No.:

Filed on:

(71) Name of Applicant

INDIAN SPACE RESEARCH ORGANISATION, OF DEPARTMENT

Address of Applicant:

SPACE, ANTARIKSH BHAVAN, NEW BEL ROAD, BANGALORE 560 094., INDIA.

(72) Name of the Inventor(s):

SUEJAN SINGH GROVER, GANGADHARAN PRABHAKARAN.

(57)Abstract

This invention relates to low density curable coating composition useful in providing thermal protection for aerospace vehicles. It consists of a two component system of a premix dispersion and a curing component. The premix consists of a mixture of hydroxyterminated polymethylsiloxane silica, ferric oxide, and zinc oxide blended with phenolic microballoons. This is dispersed in an organic solvent. The curing component consists of alkyloximinosilane, amirloalkyltrialkoxysilane, and an organotin compound.

This invention also includes a process for preparing the above composition.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) APPLICATION No: 788/CHE/2004A
(22) Date of filing of Application:09/08/2004 (43) Publication Date: 14/07/2006

(54) Title of the invention: SIDE OPENING FLIP-CAP.	(71) Name of Applicant DR.REDDY'S LABORATORIES LIMITED, Address of Applicant: 7-1-27, AMEERPET,, HYDERABAD,500 016,, ANDHRA PRADESH,, INDIA.
(51)International classification:B 65 D 47/28 , B 65 D 47/08	(72) Name of the Inventor(s): ANUP KAMALAKAR HIPALGAONKAR, AYAZ ABDULGANI KAGZI. TALLAPRAGADA SREE RAMACHANDRA GAUTAMA BUDDHA. MANDAVALLI SRIRAMA SARVESWARA RAO.
(31) Priority Document No.	
(32) Priority Date:	
(33) Name of priority country:	
(87) WIPO No. :	
(61) Patent of addition to Application No. : Filed on:	
(62) Divisional to Application No.: Filed on:	

(57)Abstract

A customer friendly two-piece cap made of any materials like polymer, metal, wood; paper for dispensing its contents such as Gels, Liquids, powders, lotions and other compositions is described. The cap is semi circular in shape with a ring on the top, which is used to open & close the cap. The unique feature in the cap is its semicircular ring, which is flush with the profile of the cap. The ring is fitted on to the base cap. The semicircular ring has four hinges. The ring closes the base cap on one of its sides. The base cap has a hole on one of its sides for dispensing. The ring matches the top profile of the base cap & closes the side opening of the cap tightly. This design facilitates a unique side opening semi circular cap with a ring for a bottle of any shape & size.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No: 745/CHE/2004A

(22) Date of filing of Application:02/08/2004

(43) Publication Date: 14/07/2006

(54) Title of the invention:

SUCTION TUBE FOR COLLECTING
BROKEN ENDS OF FIBERS AT THE
OUT LET OF DRAFTING
ARRANGEMENT OF A TEXTILE
MACHINE.

(51)International classification:B 65 H
54/71 , B 65 H 65/00

(31) Priority Document No.

(32) Priority Date:

(33) Name of priority country:

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

LAKSHMI MACHINE WORKS
LIMITED,

Address of Applicant:

PERIANAICKENPALAYAM,
COIMBATORE,,
641020, TAMIL NADU,,
INDIA.

(72) Name of the Inventor(s):

PERIASWAMY LAKSHMI
NARASIMHAN,
PONNUSAMY NAGARAJAN.

(57)Abstract

The present invention provides a suction tube for collecting broken ends of yarn in suction chamber of a textile or ring spinning machine, comprising a suction end disposed beneath the front-bottom end of the outlet drafting roller, and having a hollow and substantially elliptical opening to provide a guided suction path for collecting the broken ends of the yarn, an angular neck disposed in close proximity to said suction end acting as a funnel, an intermediate straight body extending from the neck and terminating in a relatively narrow end portion, and said narrow end connected to the to the suction chamber. A more effective suction of the broken ends is achieved, since the suction opening having a suitable contour is located immediately beneath the bottom-fluted roller. By progressively decreasing inner diameter from the suction end towards the collection end, an effective suction of the broken ends is achieved.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) APPLICATION No: 694/CHE/2004A
(22) Date of filing of Application: 16/07/2004 (43) Publication Date: 14/07/2006

(54) Title of the invention: HLODING SYSTEM FOR A ROTOR END PLATE. (51)International classification:F 01 D -5/30 (31) Priority Document No.03 08713 (32) Priority Date:17/07/2003 (33) Name of priority country:FRANCE (87) WIPO No. : (61) Patent of addition to Application No. : Filed on: (62) Divisional to Applcation No.: Filed on:	(71) Name of Applicant SNECMA MOTEURS, Address of Applicant: 2 BOULEVARD DU GENERAL MARTIAL VALIN,, 75015 PARIS,, FRANCE. (72) Name of the Inventor(s): BENDERRADJI KAMEL. MARCHI MARC.
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(57)Abstract

The invention relates to a device for holding an annular end plate (5) against a radial face (4) of a rotor disc (1), the said disc having in the said radial face an annular recess (7) behind a collar (13) extending radially outwards, and the said end plate (5) having, in its radially inner part, an annular base bearing against the radially outer wall of the recess (7) and a foot extending radially inwards in the recess (7) from the base, the said device comprising a split annular retaining ring disposed in the recess (7). The ring is constituted by a snap ring (8) interposed axially between the foot of the end plate (5) and the collar (13) and the peripheral surface of which butts against the base, the said peripheral surface and the said collar (13) comprising, when joined, notches (3Ga, 3Gb), which open radially outwards and are intended to receive compression tools for the said snap ring (8), which tools retract into the contour of the said collar (13) during the assembly or disassembly of the said end plate (5).

(12) PATENT APPLICATION PUBLICATION

(19) INDIA	(21) APPLICATION No: 705/CHE/2004A
(22) Date of filing of Application:20/07/2004	(43) Publication Date: 14/07/2006
(54) Title of the invention: A MULTI AXIAL FATIGUE TESTING MACHINE.	(71) Name of Applicant INDIAN INSTITUTE OF TECHNOLOGY,
(51)International classification:G 01 N - 3/32	Address of Applicant: IIT P.O, CHENNAI,600036 ,TAMIL NADU., INDIA.
(31) Priority Document No.	
(32) Priority Date:	
(33) Name of priority country:	(72) Name of the Inventor(s): DR.MINNAL MUTHUVEL MAYURAM.
(87) WIPO No. :	
(61) Patent of addition to Application No. : Filed on:	
(62) Divisional to Application No.: Filed on:	
(57)Abstract	

A fatigue testing machine comprising a motor for rotating a shaft on which are mounted an inertia loading member; a pair of supporting heads for mounting the test specimen; a lever and dead weight arrangement for loading the test specimen, characterised in that one end of the test specimen is attached to a rotatable disc having spaced slots cut on the face of the disc; an electromagnet interposed at the outer periphery of the disc whereby when a d.c.voltage is applied to the coil of the said magnet, the resulting cyclic magnetic force acting on the said disc produces a counter torque on the said shaft and thus a counter torque on the test specimen, thereby inducing a cyclic torsional stress on the test specimen.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) APPLICATION No: 744/CHE/2004A
(22) Date of filing of Application:30/07/2004 (43) Publication Date: 14/07/2006

(54) Title of the invention: LIMITED SLIP DIFFERENTIAL ASSEMBLY. (51)International classification:B 60 K - 17/16 (31) Priority Document No.10/631,714 (32) Priority Date:01/08/2003 (33) Name of priority country:USA (87) WIPO No. : (61) Patent of addition to Application No. : Filed on: (62) Divisional to Application No.: Filed on:	(71) Name of Applicant DANA CORPORATION, Address of Applicant: 4500 DORR STREET, TOLEDO, OHIO., 43615., U.S.A. (72) Name of the Inventor(s): KRISHER,JAMES. CATALANO,MICHAEL.
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(57)Abstract

An electronically controlled front wheel drive limited slip differential assembly that is designed to allow an operator to manually or automatically control the limited slip function. The differential control and actuation assembly is located external to the front transaxle and differential case. The assembly includes an electric solenoid that modulates hydraulic pressure produced by a gerotor pump. When the limited slip differential control is in the ON position, hydraulic pressure produced by the gerotor pump engages a friction clutch pack, which couples the differential case to the front axle output shaft. When the limited slip function is in the OFF position, the electrical solenoid does not allow the gerotor pump to generate sufficient hydraulic pressure to actuate the clutch pack. When the differential control is in an intermediate position, the specific control setting, and the rotational speed of the front axle output shaft relative to the rotational speed of the differential case determine differential engagement. In addition to the ability to manually control the limited slip function, a computer processor/logic unit can also electronically control the function.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) APPLICATION No: 683/CHE/2004A
(22) Date of filing of Application: 15/07/2004 (43) Publication Date: 14/07/2006

(54) Title of the invention: VERTICAL SHAFT WIND TURBINE. (51) International classification: F 03 D -3/00 (31) Priority Document No. (32) Priority Date: (33) Name of priority country: (87) WIPO No. : (61) Patent of addition to Application No. : Filed on: (62) Divisional to Application No.: Filed on:	(71) Name of Applicant C.V.NAGARAJA RAO, Address of Applicant: AQUATYTE ENGINEERS,, NO-26,MALLIKARJUNA TEMPLE ROAD,, BANGALORE-560004,KARNATAKA,, INDIA. (72) Name of the Inventor(s): C.V.NAGARAJA RAO,
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(57) Abstract

This invention relates to Vertical Shaft Wind Turbine which converts wind energy to electrical energy from 1 K. W to 100 K. W. It operates at low wind velocity/density. Vertical Shaft Wind Turbine consists of three turbine cups which are of unique feature to have least resistance to wind to rotate the turbine. The three cups of turbine which are placed alternatively at two planes with a shift of 600 angle shall make the turbine turn swiftly. It is easily adoptable and requires only a little space for fixation and operation. In Vertical Shaft Wind Turbine the weight of the total turbine is less than 30 % of any horizontal axis wind turbine which makes it convenient to install at any place. It can be fixed on top of the building as well as on the vertical edge of the building on the vertical axis.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No: 974/CHE/2004A

(22) Date of filing of Application:24/09/2004

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A METHOD AND SYSTEM TO
DISPLAY AND MANAGE PRINT
QUEUE AND DISPLAY JOB ORIGIN
INFORMATION ON LCD PANEL.

(51)International classification:G 06 F
21/00 , G 03 G 1/06

(31) Priority Document No.

(32) Priority Date:

(33) Name of priority country:

(87) WIPO No. :

(61) Patent of addition to

Application No. :

Filed on:

(62) Divisional to

Application No.:

Filed on:

(71) Name of Applicant

SAMSUNG ELECTRONICS CO.LTD,

Address of Applicant:

J.P TECHNO PARK, 3/1, MILLERS

ROAD,,

BANGALORE-560 052,,

KARNATAKA,,

INDIA.

(72) Name of the Inventor(s):

PATWEKAR ASHWIN KASHINATH.

AGARWAL,ANAND KUMAR.

(57)Abstract

This present relates to a method and system to display and manage print queue and display job origin information on display panel of the printer which is unique. This invention provides a method to facilitate the management of the print queue from the printer itself. This method provides for easily identifying the origin of the current print job by displaying the owner information on the display panel of the printer. It will also provide information about the amount of job left or printed job information in percentage on the display panel so that the user can get an idea of the approximate time required to complete the print job.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) APPLICATION No: 737/CHE/2004A
(22) Date of filing of Application:28/07/2004 (43) Publication Date: 14/07/2006

(54) Title of the invention: DRIVE EQUIPMENT FOR ESCLATOR SREP OR MOVING WALKWAY PLATE. (51)International classification:B 66 B 23/02 , B 66 B 23/12 (31) Priority Document No.03 405569.9 , 04 405121.7 (32) Priority Date:31/07/2004 , 01/03/2004 (33) Name of priority country:EUROPE , EUROPE . (87) WIPO No. : (61) Patent of addition to Application No. : Filed on: (62) Divisional to Application No.: Filed on:	(71) Name of Applicant INVENTIO AG, Address of Applicant: SEESTRASSE 55, CH-6052,, HERGISWIL,, SWITZERLAND. (72) Name of the Inventor(s): MATHEISL,MICHAEL.
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(57)Abstract

In the case of this escalator the step belt consists of motor-driven steps (3) and of free- running steps. Running rails (10) are arranged at transverse means (9) of the support construction and each have a respective running surface (10.1) for the step rollers (11) and a running surface (10.2) for the chain rollers. The step rollers (11) are connected with the step body (13) by means of arms (12). The secondary part (14.2) of a linear motor (14) is connected with the step body (13) by means of step pins (15). A guide rail (16) serving for guidance and drive of the step (3) is provided along the forward running part or return running part of the escalator centrally at the beams (9), wherein the primary part (14.1) of the linear motor (14) is integrated in the guide rail (16). Each motor step (3) is provided with a brake (17) which acts on the guide rail (16).

(12) PATENT APPLICATION PUBLICATION

(19) INDIA	(21) APPLICATION No: 741/CHE/2004A
(22) Date of filing of Application:28/07/2004	(43) Publication Date: 14/07/2006
(54) Title of the invention: INERTIA BRAKE DYNAMOMETER.	(71) Name of Applicant TVS MOTOR COMPANY LIMITED,
(51)International classification:G 01 L 3/22 , G 01 M 17/007	Address of Applicant: JAYALAKSHMI ESTATES, NO-8, HADDOWS ROAD,, CHENNAI-600 006,, TAMIL NADU,, INDIA.
(31) Priority Document No.	(72) Name of the Inventor(s): RAVINDRA VYANKATRAO KHARUL. RAGHAVAN VENKATESAN. RAGUPATHY GOVINDRAJAN. WINNEY KAKKANATTU MATHEWS.
(32) Priority Date:	
(33) Name of priority country:	
(87) WIPO No. :	
(61) Patent of addition to Application No. :	
Filed on:	
(62) Divisional to Application No.:	
Filed on:	

(57)Abstract

An inertia brake dynamometer for a vehicle comprising an electrical prime mover for driving the brake assembly to be tested; a power control unit for supplying power to the prime mover; a chuck in which the brake parts to be tested are held; a PLC based master controller for providing the signals to the power control unit for operating the prime mover in the motor mode/dynamometer mode, the master controller being programmed for various input parameters of the vehicle, and for providing the signal to force application means; a force gauge for measuring the applied force; and torque measuring means for measuring the torque.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) APPLICATION No: 732/CHE/2004A
(22) Date of filing of Application:28/07/2004 (43) Publication Date: 14/07/2006

(54) Title of the invention: EMERGENCY WHEEL ATTACHMENT(S) FOR CYCLES AND MOTOR CYCLES. (51)International classification:B 62 K 27/08 , B 62 K 27/00 (31) Priority Document No. (32) Priority Date: (33) Name of priority country: (87) WIPO No. : (61) Patent of addition to Application No. : Filed on: (62) Divisional to Application No.: Filed on:	(71) Name of Applicant M.MADANGOPAL, Address of Applicant: M.MADANGOPAL,S/O.LATE D.MUTHURAJU,, OLD NO.35, MEW NO.39,HIG-III,NEW TEMPLE LAND HUDCO,HOSUR-635 125,, KRISHNAGIRI DISTRICT,TAMIL NADU,, INDIA. (72) Name of the Inventor(s): M.MADANGOPAL,
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(57)Abstract

A permanent & compact device called "Emergency Wheel Attachment(s) for Cycles and motor cycles" is designed and manufactured for both front & rear wheels of the cycles and Motor cycles and fitted on the vehicle. Cycles and Motor cycles can be moved by pushing or pulling after engaging either the front (or) rear (or)both "Emergency Wheel Attachment(s) for cycles and motor cycles" fitted on the vehicle with out any further damage to the tube.Time reqd to engage & disengage the "Emergency Wheel Attachment(s) for cycles and motor cycles" is just few seconds.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) APPLICATION No: 789/CHE/2004A
(22) Date of filing of Application:09/08/2004 (43) Publication Date: 14/07/2006

(54) Title of the invention: IMPROVEMENTS IN ROAD SPRING PRELOAD ADJUSTER MECHANISM IN SHOCK ABSORBERS USED IN VEHICLES. (51)International classification:F 16 F 7/00 , F 16 F 7/01 (31) Priority Document No. (32) Priority Date: (33) Name of priority country: (87) WIPO No. : (61) Patent of addition to Application No. : Filed on: (62) Divisional to Application No.: Filed on:	(71) Name of Applicant NEETHALA MITTU, Address of Applicant: NEETHALA MITTU,C/O.G.VENKATESAN, 267/79V, 8TH CROSS,JAKKAPPAN NAGAR,, KRISHNAGIRI-635 001 ,, KRISHNAGIRI DISTRICT,TAMIL NADU,, INDIA. (72) Name of the Inventor(s): NEETHALA MITTU,
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(57)Abstract

Here the modified ACM is located in the Top MOUNTING itself therefore by just pressing the rear frame of the bike the road spring is made to compress and the MODIFIED ACM is changed to the desired level instantly, By means of colour coding, indexing or numerals it is ensured that the damping values of both the shock absorbers are the same.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) APPLICATION No: 727/CHE/2004A
(22) Date of filing of Application:26/07/2 (43) Publication Date: 14/07/2006

(54) Title of the invention: STAINLESS WRITING BOARD. (51)International classification:B 43 L 1/00 (31) Priority Document No. (32) Priority Date: (33) Name of priority country: (87) WIPO No. : (61) Patent of addition to Application No. : Filed on: (62) Divisional to Application No.: Filed on:	(71) Name of Applicant SAJEEV SINGH M.K. Address of Applicant: GEETHA BHAVAN,KOTTAPURAM.P.O,VIZHINJAM,, THIRUVANATHAPURAM,KERALA- 695521,, INDIA. (72) Name of the Inventor(s): SAJEEV SINGH M.K.
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(57)Abstract

The STRAINLESS WRITING BOARD is a device which is intended to reduce the strain of neck and back- borne while writing and drawing. It is made of two parts; one is a conventional writing board and other is a height adjustment mechanism which adjusts the heights of the writing board. The STRAINLESS WRITING BOARD writing board is fixed in the lying stand with the help of two hinges. In the axis of hinges the writing board can be moved upwards and downwards and fixed in a convenient position to reduce the strain of our neck.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA	(21) APPLICATION No: 122/CHE/2004A
(22) Date of filing of Application:18/02/2004	(43) Publication Date: 14/07/2006
(54) Title of the invention: A NOVEL SYNERGISTIC HERBAL FORMULATION FOR DIABETES CURE.	(71) Name of Applicant LANSON BIOTECH PRIVATE LIMITED,
(51)International classification:A 61 K 31/4415	Address of Applicant: 34 POONAMALLEE HIGH ROAD,, KOYAMBEDU,CHENNAI, 600 107,TAMIL NADU,, INDIA.
(31) Priority Document No.	(72) Name of the Inventor(s): MR.ARUNKUMAR RAJA.
(32) Priority Date:	
(33) Name of priority country:	
(87) WIPO No. :	
(61) Patent of addition to Application No. :	
Filed on:	
(62) Divisional to Application No.:	
Filed on:	

(57)Abstract

A novel synergistic formulation for diabetes cure comprising extracts from selected Indian medicinal herbs Azadirachta Indica, Momordica Charentia, Emblica Officinalis, Gymnema Sylvestres, Trigonella Foenum-Gracum, Curcuma Longa, Garcinia Camboga, Commiphor Mukul and Ocimum Sanctum with active ingredients and mixed in proportion without using any external solvents to produce hypoglycemic effect without causing hypoglycemia. The invention relates to a method of extracting and standardizing the extract of claimed herbs into a synergistic herbal formulation. The invention further relates to the method of administering.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA	(21) APPLICATION No: 753/CHE/2004A
(22) Date of filing of Application:03/08/2004	(43) Publication Date: 14/07/2006
(54) Title of the invention: APPARATUS AND METHOD FOR ENCODING/DECODING BROADCASTING/SPARE CONTENTS. (51)International classification:H 04 N 5/44,N5/445 ,N5/76. (31) Priority Document No.2003-54218 (32) Priority Date:05/08/2003 (33) Name of priority country:KOREA. (87) WIPO No. : (61) Patent of addition to Application No. : Filed on: (62) Divisional to Application No.: Filed on:	(71) Name of Applicant SAMSUNG ELECTRONICS CO.LTD, Address of Applicant: 416, Maetan-dong, Yeongtong-gu, Suwon- si, Gyeonggi-do ,, KOREA. (72) Name of the Inventor(s): JU-HEE SEO.

(57)Abstract

Provided are an apparatus and a method of encoding/decoding broadcast contents and spare contents. The 'method of decoding broadcast contents and spare contents includes determining whether a broadcast contents stream that is presently broadcasted can be decoded; and performing a decoding operation on the broadcast contents stream or previously stored spare contents stream selectively based on a result of determination in the determining step. The spare contents are reproduced when a receive failure happens, thus reducing an uncomfortable feeling of a user caused by watching inferior images and hearing inferior sounds.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) APPLICATION No: 743/CHE/2004A
(22) Date of filing of Application:29/07/2004 (43) Publication Date: 14/07/2006

(54) Title of the invention: DYNAMICALLY-MONITORED DOUBLE VALVE WITH ANTI- TIEDOWN FEATURE. (51)International classification:F 15 B 20/00 (31) Priority Document No.10/660,992 (32) Priority Date:12/09/2003 (33) Name of priority country:U.S.A (87) WIPO No. : (61) Patent of addition to Application No. : Filed on: (62) Divisional to Application No.: Filed on:	(71) Name of Applicant ROSS OPERATING VALVE COMPANY, Address of Applicant: 1250 BOULEVARD,TROY,MI 48084,, USA. (72) Name of the Inventor(s): NEIL E.RUSSELL. JOSEPH E.FOSTER.
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(57)Abstract

A double valve is reset when a source of pressurized fluid is connected to a reset port. First and second reset pistons are actuated in response to the pressurized fluid to reset first and second movable valve units of the double valve, respectively. First and second pilot chambers are vented when the first and second reset pistons are actuated, the first and second pilot chambers corresponding to first and second pilot valves for actuating the first and second movable valve units, respectively. The venting prevents the first and second movable valve units from moving out of a deactuated position, respectively. The source of pressurized fluid is removed from the reset port. The first reset piston is retracted so that the second pilot chamber receives pressurized fluid while the first pilot chamber continues to be vented. The second reset piston is retracted after a predetermined delay time following retraction of the first reset piston, the predetermined delay time being sufficient to allow the second pilot chamber to become substantially pressurized. If the second pilot valve is actuated when the second reset piston is retracted, then the pressurized fluid in the second pilot chamber drives the second movable valve unit out of a deactuated position during a time that pressurized fluid in the first pilot chamber is insufficient to drive the first movable valve unit out of a deactuated position.

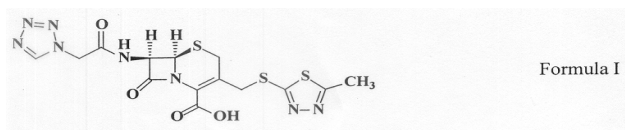
(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) APPLICATION No: 808/CHE/2004A
(22) Date of filing of Application: 17/08/2004 (43) Publication Date: 14/07/2006

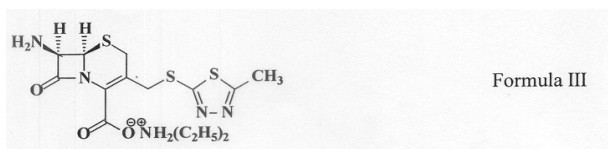
(54) Title of the invention: AN IMPROVED PROCESS FOR PREPARATION OF CEFAZOLIN. (51) International classification: C 12 D 13/00 (31) Priority Document No. (32) Priority Date: (33) Name of priority country: (87) WIPO No. : (61) Patent of addition to Application No. : Filed on: (62) Divisional to Application No.: Filed on:	(71) Name of Applicant AUROBINDO PHARMA LIMITED, Address of Applicant: PLOT NO.2, MAITRIVIHAR COMPLEX,, AMEERPET, HYDERABAD-500 038,, ANDHRA PRADESH,, INDIA. (72) Name of the Inventor(s): UTTAM KUMAR RAY. BOJU SRINIVASULU. MEENAKSHISUNDERAM SIVAKUMARAN.
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(57) Abstract

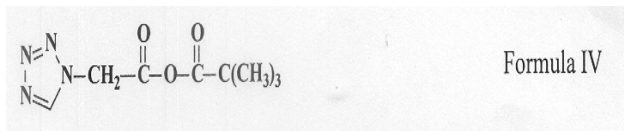
The present invention relates to an improved and an industrially advantageous process for the preparation of highly pure Cefazolin of Formula I,



which involves the acylation of diethylamine salt of 7-ACA- TD of Formula III,



in anhydrous organic solvent with mixed anhydride of Formula IV.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA	(21) APPLICATION No: 708/CHE/2004A
(22) Date of filing of Application:20/07/2004	(43) Publication Date: 14/07/2006
(54) Title of the invention: MAKING OF NEW GEOMETRICAL INSTRUMENTS BY APPLYING NEW FOOLPROOF CONCEPT OF PLOTTER HOLES.	(71) Name of Applicant NAYAKI.MADHAVARAJU.HAMSA NANDHINI , NAYAKI.MADHAVARAJU.VIJAY , NAYAKI.MADHAVARAJU.BHUJA ,
(51)International classification:B 43 L 11/00 ,9/00 , 13/00.	Address of Applicant: NO.9/A RAJALANE, PERIYACHETY STREET,, TIRUCHY-8,PINCODE-620008,, TAMIL NADU,, INDIA.
(31) Priority Document No.	(72) Name of the Inventor(s): NAYAKI.MADHAVARAJU.HAMSA NANDHINI , NAYAKI.MADHAVARAJU.VIJAY , NAYAKI.MADHAVARAJU.VIJAY ,
(32) Priority Date:	
(33) Name of priority country:	
(87) WIPO No. :	
(61) Patent of addition to Application No. :	
Filed on:	
(62) Divisional to Application No.:	
Filed on:	

(57)Abstract

The instruments comprising with one center leg assembly and plotter bodies of various configurations as A, B, C, D, E, F, G & H all are made by foolproof mechanism of plotter holes in order to perform different geometrical applications. The same also incorporated with (or with out) slide housing, inclined slide assembly mechanism or screw and dial assembly mechanism (Figure 2). The instruments with foolproof mechanism of plotter holes do the geometrical application directly in a single operation with out doing any measuring activities. Any types of drawing tools are used.

The mechanism for geometrical instrument wherein plotter holes are provided in the body of the instrument itself being used for drawing lines, circles cum arcs, concentric circles, degrees, angles and try angles. The plotter holes (or) hole are provided at the exact distance, degrees and with complete foolproof mechanism, another foolproof mechanism is also provided in the instruments, to get the required fractional measurements to the maximum accuracy for drawing the required lengths, circles, arcs and angles very easily, very quickly and very accurately.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) APPLICATION No: 699/CHE/2004A
(22) Date of filing of Application: 19/07/2004 (43) Publication Date: 14/07/2006

(54) Title of the invention: A NOVEL SYSTEM OF IC ENGINE USING UNCONVENTIONAL FUEL.	(71) Name of Applicant HALLIMYSORE VENKATAKRISHNA AVADHANI LAKSHMI KESHAVAMURTHY , HARSHA , HALLIMYSORE LAKSHMIKESHA MURTHY VIDYA , Address of Applicant: NO.110, III PHASE,GIRI NAGAR,, BANGALORE-560 085,, KARNATAKA,, INDIA.
(51)International classification:F 02 B- 41/00 , F 02 G-5/00.	(72) Name of the Inventor(s): HALLIMYSORE VENKATAKRISHNA AVADHANI LAKSHMI KESHAVAMURTHY , HARSHA , HALLIMYSORE LAKSHMIKESHA MURTHY VIDYA ,
(31) Priority Document No.	
(32) Priority Date:	
(33) Name of priority country:	
(87) WIPO No. :	
(61) Patent of addition to Application No. : Filed on:	
(62) Divisional to Application No.: Filed on:	

(57)Abstract

A novel method for running an internal combustion engine with a different and an unconventional fuel system such as used engine oils, used edible and non-edible oils wherein when this fuel is subjected to thermal strain, the viscosity is reduced and the flash point is decreased. This property is made use to run IC engine. The heat generated from flue gas is made use in this process. The method employs simultaneous use of diesel oil and the fuel obtained by the result of this processes.

Structural changes in the IC Engine system are made so as to implement the invented processes.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No: 695/CHE/2004A

(22) Date of filing of Application:16/07/2004

(43) Publication Date: 14/07/2006

(54) Title of the invention:

UNIVERSALLY MOVABLE MIRROR
WITH PACKAGING.

(51)International classification:A 45 D-
40/18 , A 45 D42/00

(31) Priority Document No.

(32) Priority Date:

(33) Name of priority country:

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Appclcation No.:

Filed on:

(71) Name of Applicant

DR.REDDY'S LABORATORIES
LIMITED,

Address of Applicant:

7-1-27, AMEERPET,,
HYDERABAD,500 016,,
ANDHRA PRADESH,,
INDIA.

(72) Name of the Inventor(s):

PODAGATLAPALLI DURGA PRASAD.
TALLAPRAGADA SREE
RAMACHANDRA GAUTAMA
BUDDHA.
MANDAVILLI SRIRAMA
SARVESWARA RAO.

(57)Abstract

Present invention provides a mirror for the packaging material and more particularly relates to a mirror for viewing the skin or hair, along with object packed in packaging material. Also the present invention provides process to mount mirror on a packaging material generally designed for viewing while applying the object on the skin or hair.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No: 995/CHE/2004A

(22) Date of filing of Application:28/09/2004

(43) Publication Date: 14/07/2006

(54) Title of the invention:

TIMEPIECE HAVING A MECHANICAL
MOVEMENT ASSOCIATED WITH AN
ELECTRONIC REGULATOR.

(71) Name of Applicant

ASULAB,S.A ,

(51)International classification:G 04 C 3/06

Address of Applicant:

RUE DES SORS 3, CH-2074 MARIN,,
SWITZERLAND.

(31) Priority Document No.03022030.5

(32) Priority Date:01/10/2003

(33) Name of priority country:EUROPE.

(72) Name of the Inventor(s):

BORN,JEAN-JACQUES,
FARINE,PIERRE-ANDRE,

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(57)Abstract

There is disclosed a timepiece having a mechanical clockwork-movement (10) driven by a barrel spring (14) and provided with a mechanical regulator, with a balance and a balance spring, which is associated, via electromagnetic coupling, with an electronic regulator driven by a quartz resonator. The rim of the balance (13) balance is provided with at least one pair of permanent magnets (38, 39). The electronic regulator includes a fixed coil (12) arranged for cooperating with said magnets via electromagnetic coupling, a rectifier (58) provided with at least one capacitor, and a circuit for enslaving the frequency of the mechanical regulator to the oscillator frequency by braking obtained by briefly short-circuiting the coil. In order to use a mechanical movement of a common type, in which only the balance is altered, the coil (12) is located on the side of the balance-cock (23) with respect to the balance rim. The pair of magnets (38, 39) is covered by a plate of magnetic material in order to close field lines on the side of the plate. Apart from the coil, all of the rest of the electronic module (11) is located outside the mechanical movement.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No: 996/CHE/2004A

(22) Date of filing of Application:28/09/2004

(43) Publication Date: 14/07/2006

(54) Title of the invention:

TIMEPIECE HAVING A MECHANICAL
MOVEMENT ASSOCIATED WITH AN
ELECTRONIC REGULATOR.

(51)International classification:G 04 C 3/00

(31) Priority Document No.03022031.3

(32) Priority Date:01/10/2003

(33) Name of priority country:EUROPE.

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Appclcation No.:

Filed on:

(71) Name of Applicant

ASULAB,S.A ,

Address of Applicant:

RUE DES SORS 3, CH-2074 MARIN,,
SWITZERLAND.

(72) Name of the Inventor(s):

BORN,JEAN-JACQUES,
FARINE,PIERRE-ANDRE,

(57)Abstract

There is disclosed a wristwatch having a case containing a mechanical watch movement (10) driven by a spring barrel (14) and provided with a mechanical regulator with a balance and balance-spring, which is associated, via electromagnetic coupling, with an electronic regulator driven by a quartz resonator. The rim of the balance (13) is provided with a pair of permanent magnets (38, 39). The electronic regulator includes a fixed coil (12) arranged for cooperating with said magnets via electromagnetic coupling, a rectifier (58) provided with at least one capacitor, and a circuit (60) for enslaving the frequency of the mechanical regulator to the frequency of the oscillator by braking obtained by briefly short-circuiting the coil. In order to enable a common type of mechanical movement to be used, only the balance of which is altered, the electronic regulator is formed by a structural module (11) that is entirely separate from the mechanical watch movement (10). This module can be fixed to the movement plate, or, conversely, carried by the watchcase independently of said movement, in particular via a casing ring (26). Apart from the coil, all of the rest of the electronic module (11) is preferably located outside the mechanical movement.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No: 986/CHE/2004A

(22) Date of filing of Application:27/09/2004

(43) Publication Date: 14/07/2006

(54) Title of the invention:

AN ELECTRICAL CIRCUIT FOR
CONTROLLING A PASSENGER
WINDOW IN A PASSENGER VEHICLE.

(51)International classification:H 02 P 1/22
, H 01 H 3/20 , H 01 H 3/00 .

(31) Priority Document No.

(32) Priority Date:

(33) Name of priority country:

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to

Application No.:1678/MAS/1996

Filed on:23/09/1996

(71) Name of Applicant

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Address of Applicant:

37860 INTERCHANGE DRIVE,

FARMINGTON HILLS,,

MI 48335,,

U.S.A.

(72) Name of the Inventor(s):

JEFFREY BOCHENEK.

(57)Abstract

An electrical circuit for a switch having a lockout feature is described. The circuit permits both a primary operator and an auxiliary operator to operate a bi- directional motor (30) by activating separate low-current switches (SW1, SW2, SW3, SW4). The circuitry enables the primary operator to disable the auxiliary operator's ability to operate the motor by activating a lockout switch (LID). With the lockout switch activated, the primary operator can operate the motor without interference from the auxiliary operator. High-current power switches (50, 52), activated via logic circuitry (70, 90) rather than by the operators, are used to complete a power circuit for energizing the motor.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No: 1009/CHE/2004A

(22) Date of filing of Application:30/09/2004

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A METHOD FOR THE PREPARATION
OF 5-AMINOMETHY-1-(3-
DIMETHYAMINO-PROPYL)-1-(-4-
FLURO-PHENYL)-1,3-DIHYDRO-
ISOBEZOFURAN.

(51)International classification:C 07 D
307/87

(31) Priority Document No.PA200000783

(32) Priority Date:12/05/2000

(33) Name of priority country:DENMARK.

(87) WIPO No. :

(61) Patent of addition to

Application No. :

Filed on:

(62) Divisional to

Application No.:IN/PCT/2002/02003/CHE

Filed on:10/05/2001

(71) Name of Applicant

H.LUNDBECK A/S,

Address of Applicant:

9,OTTILIAVEJ,DK-2500,VALBY-
COPENHAGEN,,
DENMARK.

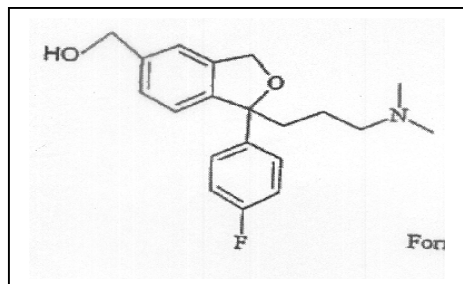
(72) Name of the Inventor(s):

PETERSON,HANS.

DANCER ROBERT,

(57)Abstract

The present invention relates to a method for the preparation of a compound of Formula IV is prepared by activating the alcohol of Formula VIII



Formula VIII

by a substituted sulphonate or converting the alcohol into a benzylic halide or another activated derivative followed by aminolysis to form the compound of Formula IV

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No: 1017/CHE/2004A

(22) Date of filing of Application:01/10/2004

(43) Publication Date: 14/07/2006

(54) Title of the invention:

A METHOD FOR PROVIDING ONE TOUCH DIAL FACILITY FOR FAX, SCAN TO EMAIL OR INTERNET FAX IN MULTI FUNCTION PERIPHERALS.

(51)International classification:H 04 N 1/00

(31) Priority Document No.

(32) Priority Date:

(33) Name of priority country:

(87) WIPO No. :

(61) Patent of addition to Application No. :

Filed on:

(62) Divisional to Application No.:

Filed on:

(71) Name of Applicant

SAMSUNG ELECTRONICS CO.LTD,

Address of Applicant:

J.P TECHNO PARK, 3/1, MILLERS ROAD,,
BANGALORE-560 052,,
KARNATAKA,,
INDIA.

(72) Name of the Inventor(s):

PRAVEEN KUMAR,

(57)Abstract

The present invention provides a 'one touch dial method' to the users of MFP for fax or Scan to Email or Internet Fax in MFPI Ala without the need of a dedicated Keypad. The user may configure any number for dialing through any of the keys in the keypad. One dedicated key will be used for enabling one touch operation and this key switches the machine between one touch mode and normal mode. In addition an LED is provided for indicating that the machine is in one touch mode. Moreover this method helps in minimizing the size of MFP/AIO owing to the efficient usage of the keys with out requiring a dedicated key pad for one touch operation .

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) APPLICATION No: 1032/CHE/2004A
(22) Date of filing of Application:06/10/2004 (43) Publication Date: 14/07/2006

(54) Title of the invention: A PROCESS FOR PREPARATION OF 2-N-BUTYL-4-CHLORO-1-{2-(2-TRIPHENYLMETHYL-2H-TETRAZOLE-5-YL)METHYL}-1H-IMIDAZOLE-5-METHANOL (INTERMEDIATE OF LOSARTAN) (51)International classification:C 07 D 233/00 , C 07 D 233/54 (31) Priority Document No. (32) Priority Date: (33) Name of priority country: (87) WIPO No. : (61) Patent of addition to Application No. : Filed on: (62) Divisional to Application No.: Filed on:	(71) Name of Applicant MATRIX LABORATORIES LTD, Address of Applicant: 1-1-151/1, IV FLOOR, SAIRAM TOWERS,, ALEXANDER ROAD, SECUNDERABAD-500003,, INDIA. (72) Name of the Inventor(s): DR.CHAVA SATYANARAYANA, DR.VASIREDDY UMAMAHESWARA RAO, DR.VELLANKI SIVA RAM PRASAD, MR.BALUSU RAJABABU,
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(57)Abstract

The present invention relates to a process for preparation of N-substituted heterocyclic derivative, 2-n-Butyl-4-chloro-1-{[2'- (2-triphenylmethyl-2H-tetrazole-5-yl)-1,1'-biphenyl-4-yl] methyl} -1H-imidazole-5-methanol, an important intermediate in the synthesis of Losartan and its pharmaceutically acceptable salts using phase transfer catalyst and minimal number of solvents with improved yield.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No: 1068/CHE/2004A

(22) Date of filing of Application:14/10/2004

(43) Publication Date: 14/07/2006

(54) Title of the invention:

DRILL POWERED CABLE CUTTER.

(51)International classification:B 25 F 3/00 ,
B 26 B 15/00

(31) Priority Document No.10/689,474

(32) Priority Date:20/10/2003

(33) Name of priority country:U.S.A

(87) WIPO No. :

(61) Patent of addition to
Application No. :

Filed on:

(62) Divisional to
Application No.:

Filed on:

(71) Name of Applicant

IDEAL INDUSTRIES,INC,

Address of Applicant:

BECKER PLACE,SYCAMORE,
ILLINOIS 60178,,
U.S.A.

(72) Name of the Inventor(s):

KONEN,BRUCE,P.

(57)Abstract

A cable cutter for attachment to a power drill has a housing, first and second cutting blades connected to the housing for movement relative to one another and a drive assembly releasably engageable with the chuck of the drill and operatively engaged with at least one of the cutting blades. The drive assembly includes a worm mounted on a drive shaft, a worm gear and a drive gear mounted on a main shaft, and a segment gear formed on one of the cutting blades. The worm and worm gear which are in engagement, as are the drive gear and segment gear. The main shaft is supported in the housing by three bearings. A torque arm is attached at one end to the housing and adapted at its other end to engage the handle of the drill. A reversible stabilizing handle attaches to the housing to allow the user to securely grip the housing during cutting operations.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) APPLICATION No: 1055/CHE/2004A

(22) Date of filing of Application:12/10/2004

(43) Publication Date: 14/07/2006

(54) Title of the invention:

RE-CONFIGURABLE MACHINING
CENTER.

(71) Name of Applicant

M/S.BRAKES INDIA LIMITED,

(51)International classification:B 23 B
29/00

Address of Applicant:

PADI,,

CHENNAI-600 050,,

TAMIL NADU,,

INDIA.

(31) Priority Document No.

(32) Priority Date:

(33) Name of priority country:

(72) Name of the Inventor(s):

(87) WIPO No. :

MR.MANOJ HOMBAL.

(61) Patent of addition to

Application No. :

Filed on:

(62) Divisional to

Application No.:

Filed on:

(57)Abstract

A re-configurable machining center, with internal arrangement, having custom built flexibility, comprising of customized machine base supporting the Z axis module, X axis module and Y axis module mounted one over the other, all one side, on the rear of the machine base, wherein, the Y axis module is mounted on the base, through a support bracket which make this module separable, wherein, in similar way X axis module is connected to Y axis module using X and Y bracket, making them separable, wherein, the Z axis module is mounted on Z and X axis bracket which connects this module to other two modules (X and Y), wherein, the spindle module is separate which is mounted on Z axis through a spindle module mounting bracket and hence separable, wherein, the Automatic Tools Changer is again a module, mounted independently using separate Automatic Tool Changer support bracket, wherein, the rotary table module which is meant for job transfer, is mounted on the machine base in the front.

(12)	PATENT APPLICATION PUBLICATION		
(19)	INDIA	(21)	Application No.: 1179/del/2000 A
(22)	Date of filing of Application: 18/12/2000	(43)	Publication Date: 14/07/2006
(54)	Title of the invention: : “ A REACTIVE ARMOUR”		
(51)	International classification	:	F 41 H 5/00 F 41 H 7/00
(31)	Priority Document No.	:	NA
(32)	Priority Date	:	NA
(33)	Name of priority country	:	NA
(86)	International Application No and Filing Date:	:	NA
(87)	International Publication No	:	NA
(61)	Patent of addition to Application No	:	NA
	Filed on	:	NA
(62)	Divisional to Application No	:	
	Filed on	:	
(71)	Name of Applicant:		The additional director (IPR),
	Address of the Applicant:		B-341, Sena Bhawan, DHQ P.O. New Delhi – 110 01.
72	Name of the Inventor:		Yadav Harpal Singh Joshi Gangadhar Dattatray, Veer Ramchandra Ganpat, Sundaram Srinivas Ganapati, Kamat Pramod Vithoba.
	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:		NO

(57) Abstract: This invention relates to a armour for protection to armoured fighting vehicles comprising an arrangement housed in a hardened steel box (1) covered with a lid (10) wherein the arrangement comprises: (a) a non-reactive element comprising of a rolled sheet (12) of non- reactive inert material sandwiched between a metallic sheets (3) and (4) and held to box (1); (b) a reactive element comprising of a rolled sheet(7) of an insensitive explosive sandwiched between metallic sheets (6) and (9); (c) said non-reactive element disposed in a spaced relationship from said reactive element to define an air space (5); (d) metal spacers (8,8) disposed between the rolled sheet and metal sheet to provide air gap

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 1886/del/1998	A
(19)	INDIA			
(22)	Date of filing of Application: 03/07/1998	(43)	Publication Date: 14/07/2006	

(54) Title of the Invention: "A Process for Preparation of Improved Cation Exchange Resins."

(51)	International Classification	: B 01 J 39/00	(71)	Name of Applicant :
(31)	Priority Document No.	: NA		The Chief Controller Research & Development,.
(32)	Priority Date	: NA		
(33)	Name of priority country	NA		Address of the Applicant: B-341, Sena
(86)	International application No.	: NA		Bhawan, DHQ P.O. New Delhi.
	Filing Date	: NA		
(87)	International Publication No.	: NA	(72)	Name of the Inventor:
(61)	Patent of Addition to Application No.	: N.A.		Annakutty Mathew,
(62)	Divisional to Application No.	: NIL		Pramil Chandra Deb
	Filed On	: N.A.		
	Total No. of pages of C.S	: 13		
	Total No. of Pages of Drawing	: Nil		

(57) Abstract: This invention relates to a process for the preparation of improved cation exchange resin beads based on sulphonated crosslinked styrene copolymer. The process comprises in the synthesis of copolymer in the form of spherical beads by polymerization of styrene with a monomer selected from maleic anhydride, acrylic acid or methacrylic acid and then the beads so obtained are subjected to the step of sulphonation.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 0791/del/1998
(19)	INDIA		
(22)	Date of filing of Application: 27/03/1998	(43)	Publication Date: 14/07/2006

A

(54) Title of the Invention: "A process for the preparation of methacrylate esters."

(51)	International Classification	: C 07 C 67/38 C 07 C 69/54	(71)	Name of Applicant :
(31)	Priority Document No.	NA		INEOS ACRYLICS UK LIMITED.
		:		Address of the Applicant: 1 st Floor, Queens
(32)	Priority Date	: NA		Gate, 15-16 Queens Terrace, Southampton
(33)	Name of priority country	NA		Hampshire, SO 14 3BP, United Kingdom.
(86)	International application No.	: NA		
	Filing Date	: NA	(72)	Name of the Inventor:
(87)	International Publication No.	: NA		Theo Jan Leonard Wencslaus Simons,
(61)	Patent of Addition to			Peter Bastiaan De Blank
	Application No.	: N.A.		
(62)	Divisional to Application No.	: NIL		
	Filed On	: N.A.		
	Total No. of pages of C.S	: 12		
	Total No. of Pages of Drawing	: Nil		

(57) Abstract: A process for the preparation of methacrylate esters, where in (a) propyne is stripped in a distillation column from a solvent stream containing dissolved propyne, to afford a gaseous propyne stream that is subsequently condensed, and (b) the condensed propyne is contacted with carbon monoxide and an alcohol in the presence of a carbonylation catalyst, characterised in that the propyne is stripped in a distillation column that is equipped with an internal condenser to afford partial condensation for the supply of reflux.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 682/del/1998	A
(19)	INDIA			
(22)	Date of filing of Application: 18/03/1998	(43)	Publication Date: 14/07/2006	

(54) Title of the Invention: "A process for the simultaneous Co-production of Ethyl acetate and N-Butyl Acetate."

(51)	International Classification	: C 07 C 67/08 C 07 C 69/14	(71)	Name of Applicant :
				BP Chemicals Limited.
(31)	Priority Document No.	: 9706281.4		
(32)	Priority Date	: 26.03.1997		Address of the Applicant: 1 Finsbury Circus,
(33)	Name of priority country	UK		London EC2M 7BA, England.
(86)	International application No.	: NA		
	Filing Date	: NA	(72)	Name of the Inventor:
(87)	International Publication No.	: NA		Patrick Eduard Van Acker,
(61)	Patent of Addition to			Olivier Mathieu,
	Application No.	: N.A.		Russell James Milner and
(62)	Divisional to Application No.	: NIL		Witold Franciszek Pacynko
	Filed On	: N.A.		
	Total No. of pages of C.S	: 22		
	Total No. of Pages of Drawing	: 01		

(57) Abstract: A process for the simultaneous co-production of ethyl acetate and n-butyl acetate in reaction of a mixture of ethanol and n-butanol with acetic acid in the liquid phase in the presence of an acidic catalyst characterised in that:

- (i) the reactants comprising ethanol, n-butanol and acetic acid are fed to the base of a reaction Column A which contains the acidic esterification catalyst and is maintained at elevated temperature to form a product comprising ethyl acetate and N-butyl acetate which rises up the Column A, and wherein the amount of acetic acid in the base of column A is in the range from 30 to 75% based on the total weight of the reactor contents used in the esterification reaction in Column A.
- (ii) the overheads from Column A comprising the mixture of ethyl acetate and n-butyl acetate are fed, optionally after a decantation step, to about the upper half of a distillation Column C operated under elevated temperature whereby:
 - (a) a light ends fraction is separated from the reaction products and recovered as overheads therefrom,
 - (b) a stream comprising predominately ethyl acetate and n-butyl acetate is withdrawn from the base thereof and fed to the upper half of a purification column E,
 - (c) a side-stream comprising the reactant alcohols, water and some of the esters is withdrawn from the upper half of Column C fed to a decanter wherefrom, following decantation, the oil phase is returned to the Column C feed and the aqueous phase fed to Column D,
- (iii) the steam comprising a mixture of ethyl acetate and n-butyl acetate is fractionated in column B so as to recover:
 - (a) substantially pure ethyl acetate overhead,
 - (b) substantially pure n-butyl 1 acetate from the base of Column E and
 - (c) a liquid waste stream at a point intermediate between the withdrawal points for (iii) (a) and (iii) (b) above and comprising the unwanted impurities including the unwanted carbonyl compounds which stream is discharged, and
- (iv) the side-stream comprising a mixture of the esters and alcohols fed to Column D is fractionated so as to remove a mixture comprising predominantly ethanol and n-butanol along with small amounts of water, ethyl acetate and n-butyl acetate overhead, and water from the based of Column D.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 237/del/1997	A
(19)	INDIA			
(22)	Date of filing of Application: 30/01/1997	(43)	Publication Date: 14/07/2006	

(54) Title of the Invention: "A process for preparation of improved superplastic forming of hemispherical domes and deep cups from superplastic."

(51)	International Classification	:	B 21 D 26/02	(71)	Name of Applicant :
(31)	Priority Document No.	:	Nil		The chief Controller, Research &
		:			Development Organisation
(32)	Priority Date	:	Nil		
(33)	Name of priority country	:	Nil		Address of the Applicant: B-341, Sena
(86)	International application No.	:	NII		Bhawan, DHQ P.O. New Delhi – 110 011..
	Filing Date	:	NA		
(87)	International Publication No.	:	NA	(72)	Name of the Inventor:
(61)	Patent of Addition to	:			Dr. Abhijit Dutta,
	Application No.	:	N.A.		
(62)	Divisional to Application No.	:	NIL		
	Filed On	:	N.A.		
	Total No. of pages of C.S	:	09		
	Total No. of Pages of Drawing	:	01		

(57) Abstract: A process for preparation of improved superplastic forming of hemispherical domes and deep cups from superplastic alloy"

A process for preparation of improved superplastic forming of hemispherical domes and deep cups from superplastic alloy sheets of metal such as titanium, aluminium, magnesium, zirconium, iron comprising the steps of rolling said alloy metal sheet, clamping the rolled metal alloy sheet to be superplastically formed between a flat die and a shaped die, heating the whole assembly in a furnace to the forming temperature in the range of 0.4 to 0.6 T_m where T_m is the melting point in absolute scale of the metal sheet to be super-plastically formed, blowing a gas such as argon through a tube at a pressure for a pressure-time profile determined as herein described.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 83/del/2001	A
(19)	INDIA			
(22)	Date of filing of Application: 31/01/2001	(43)	Publication Date: 14/07/2006	

(54) Title of the Invention: "An improved process for the biodegradation of industrial waste using a consortium of bacteria and fungus."

(51)	International Classification	: C 02 F 3/34	(71)	Name of Applicant:
(31)	Priority Document No.	: Nil		Council of Scientific and Industrial
(32)	Priority Date	: Nil		Research.
(33)	Name of priority country	: Nil		
(86)	International application No.	: Nil		Address of the Applicant: Rafi Marg, New
	Filing Date	: Nil		Delhi – 110 001.
(87)	International Publication No.	: NA		
(61)	Patent of Addition to		(72)	Name of the Inventor:
	Application No.	: N.A.		Nirmala Avinash Sahasrabudhe,
(62)	Divisional to Application No.	: NIL		
	Filed On	: N.A.		
	Total No. of pages of C.S	: 13		
	Total No. of Pages of Drawing	: Nil		

(57) Abstract: Present invention provides an improved process for the biodegradation of industrial waste using a consortium of bacteria and fungus selected from curd bacteria and tea fungus. The process comprising the steps of preparing 1:1 industrial waste: water having concentration of aromatic compounds 1.4 g/L, treating the waste with a consortium of fungus and bacteria, in presence of assimilable carbon source at a concentration 0.5 to 3.0%, having pH in the range of 4.0 to 5.8, at a temperature 28⁰-37⁰C, for 24 h at non-sterile condition under agitation to get biodegrade industrial waste devoid of aromatic compounds and color.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 1197/del/1997	A
(19)	INDIA			
(22)	Date of filing of Application: 08/05/1997	(43)	Publication Date: 14/07/2006	

(54) Title of the Invention: "AUTOMOTIVE LAMP BULB"

(51)	International Classification	:	H 01 K 9/08	(71)	Name of Applicant:
(31)	Priority Document No.	:	Hei-8-141886		HONDA GIKEN KOGYO KABUSHIKI
(32)	Priority Date	:	04/06/96		KAISH
(33)	Name of priority country	:	Japan		
(86)	International application No.	:	Nil		Address of the Applicant: 1-1, Minamiaoyama
	Filing Date	:	Nil		2-chome, Minato-ku, Tokyo, Japan.
(87)	International Publication No.	:	NA		
(61)	Patent of Addition to			(72)	Name of the Inventor:
	Application No.	:	N.A.		Hajime Tabata and toru Hasegawa,
(62)	Divisional to Application No.	:	NIL		
	Filed On	:	N.A.		
	Total No. of pages of C.S	:	17		
	Total No. of Pages of Drawing	:	04		

(57) Abstract: [Objective] To provide an automotive lamp bulb that is easy to process and that has a short projection in its upper part.

[Means] An automotive lamp bulb 1, characterized by the fact that the tip (upper end) of a common lead wire 9 is secured in the neck portion 15 of a glass bulb 2 with the aid of a bead 10.

[Merits] the low makes it possible to shorten the protruding upper portion of the glass bulb. The use of the bead makes it easier to align the lead wire with the neck portion. Because a bead is interposed, the lead wire is allowed to move in relation to the glass bulb, making it possible to use inexpensive hard glass. Consequently, an inexpensive and compact lamp bulb can be easily manufactured.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 01074/del np/2003
(19)	INDIA		
(22)	Date of filing of Application: 08/07/2003	(43)	Publication Date: 14/07/2006
(54) Title of the Invention: "A chimeric CR3 gene containing fragments from different hiv-1 genes"			
(51)	International Classification	:	C07K 14/16, C12N 15/863
	Priority Document No.	:	57/2001
(32)	Priority Date	:	28/02/2001
(33)	Name of priority country	:	CU
(86)	International application No.	:	Pct/CU02/00001
	Filing Date	:	22/02/2002
(87)	International Publication No.	:	WO/2002/068654
(61)	Patent of Addition to		
	Application No.	:	N.A.
(62)	Divisional to Application No.	:	NIL
	Filed On	:	N.A.
	Total No. of pages of C.S	:	25
	Total No. of Pages of Drawing	:	07
(71)	Name of Applicant:		Centro De Ingenieria Genetica Y Biotechnologia.,
	Address of the Applicant:		Ave, 31, Entre 158 y 190, Cubanacan, Playa C. Habana 12100, Cuba .
(72)	Name of the Inventor:		IGLESIAS PEREZ VAZQUEZ BLOMQUIST, DUARTE CANO,

(57) Abstract: The present invention provides a chimeric CR3 gene containing fragments from different HIV-1 genes, comprising fragments encoding for cytotoxic T cell (CTL) epitope rich regions and a CR3 protein.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: In/pct/2002/00930/del	
(19)	INDIA			
(22)	Date of filing of Application: 23/09/2002	(43)	Publication Date: 14/07/2006	
<hr/>				
(54)	Title of the Invention: “Communication system employing A Spreader For Spreading a Data Signal”			
<hr/>				
(51)	International Classification	: H04B 1/707, H04J 13/00	(71)	Name of Applicant: Interdigital Technology Corporation.
	Priority Document No.	: 60/191/884		
(32)	Priority Date	: 23/03/2001		
(33)	Name of priority country	: US		Address of the Applicant: Suite 527, 300 Delaware Avenue.
(86)	International application No.	: Pct/US00/33868		
	Filing Date	: 14/12/2000		
(87)	International Publication No.	: WO/2001/071938	(72)	Name of the Inventor: Misra, Raj, Mani, Teal, Gregory, S.
(61)	Patent of Addition to Application No.	: N.A.		
(62)	Divisional to Application No.	: NIL		
	Filed On	: N.A.		
	Total No. of pages of C.S	: 19		
	Total No. of Pages of Drawing	: 13		

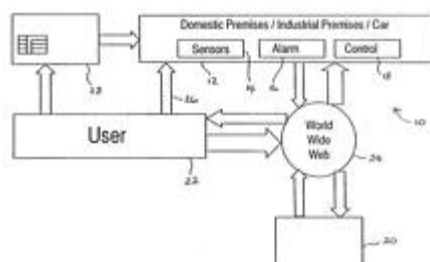
(57) Abstract: A spreading system and method for CDMA applications that requires fewer integer multiplications. User data is spread using real or complex integer based spreading codes of length SF to SF_{max} chips. At least one of the codes is of the form $j^n n_i \cdot v[n]$ where $v[n]$ is a spreading code. The complex rotation of the spreading code decreases the peak-to-average power ratio when the codes are summed up for transmission. The invention provides increased user separation using a plurality of spreading codes.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: In/pct/2002/00090/del
(19)	INDIA		
(22)	Date of filing of Application: 23/01/2002	(43)	Publication Date: 14/07/2006

(54) Title of the Invention: "AUTOMOTIVE LAMP BULB"

(51)	International Classification	: H 01 K 9/08	(71)	Name of Applicant:
	Priority Document No.	: PQ 1220		Gregory Fendis,
(32)	Priority Date	: 25/06/1999		
(33)	Name of priority country	Australia		Address of the Applicant: 11 Gwyn Rise,
(86)	International application No.	: Pct/AU99/01125		Vermont South, Victoria 3133, Australia .
	Filing Date	: 21/12/99		
(87)	International Publication No.	: WO/2001/001363	(72)	Name of the Inventor:
(61)	Patent of Addition to			FENDIS, Gregory,
	Application No.	: N.A.		
(62)	Divisional to Application No.	: NIL		
	Filed On	: N.A.		
	Total No. of pages of C.S	: 13		
	Total No. of Pages of Drawing	: 04		

(57) Abstract: The present invention provides a method and system for monitoring a site, the method including: monitoring the site for the occurrence of predetermined alarm condition; responding to the alarm condition by capturing a packet of alarm data; and transmitting the packet of alarm data to a remote location or to a communications network for transmission to the remote location.



(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: In/pct/2001/00988/del
(19)	INDIA		
(22)	Date of filing of Application: 29/10/2001	(43)	Publication Date: 14/07/2006
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(54)	Title of the Invention: “Process For The Preparation Of Stabilized Composition”		
<hr/>			
(51)	International Classification	: C 08 F 255/00, C08K 5/134, C 09 D 151/06.	(71) Name of Applicant: SOLVAY POLYOLEFINS EUROPE- BELGIUM (SOCIETE ANONYME)
	Priority Document No.	: 09900310	
(32)	Priority Date	: 29/04/1999	
(33)	Name of priority country	BE	Address of the Applicant: 44, rue du Prince Albert, B-1050 Bruxelles Belgium.
(86)	International application No.	: Pct/EP00/03734	
	Filing Date	: 26/04/2000	
(87)	International Publication No.	: WO/2000/066642	(72) Name of the Inventor: Marie-Paule Collard, Henri Wautier, Eric Fassiau, Eric Vandevyer.
(61)	Patent of Addition to Application No.	: N.A.	
(62)	Divisional to Application No.	: NIL	
	Filed On	: N.A.	
	Total No. of pages of C.S	: 17	
	Total No. of Pages of Drawing	: Nil	

(57) **Abstract:** Process for the preparation of stabilized compositions comprising one or more ethylene, propylene, 1-butene, 1-pentene, 1-hexene or 1-octene polymers functionalised by at least one functionalisation agent chosen from carboxylic acids, their esters, anhydrides and metal salts, and, as sole antioxidant, one or more stabilising agents comprising one or more sterically hindered phenol groups and no more than one ester function, characterised in that said one or more olefin polymers, said one or more functionalisation agents, said one or more of stabilising agents, one or more organic peroxides as radical initiators and optionally one or more additives comprising antioxidantizing agents, lubricating agents, fillers, colorants, nucleating agents, UV stabilizers, antiacid agents, such as calcium stearate, agents for modifying the crystallinity, such as a copolymer of ethylene and of n-butyl or ethyl acrylate, agents for deactivating metals or antisatic agents, are melt blended in a screw extruder.

(12)	PATENT APPLICATION PUBLICATION		(21)	Application No.: In/pct/2001/00922/del
(19)	INDIA			
(22)	Date of filing of Application: 10/10/2001		(43)	Publication Date: 14/07/2006
<hr/>				
(54)	Title of the Invention: “A Process poly (Trimethylene Terephthalate) Prepolymer or Polyester”			
<hr/>				
(51)	International Classification	: C 08 G 63/85 C 07C 67/08	(71)	Name of Applicant: E.I. DUPONT DE NEMOURS AND COMPANY.
	Priority Document No.	: 09/500, 340		
(32)	Priority Date	: 08/02/2000		
(33)	Name of priority country	US		Address of the Applicant: 1007 Market Street Wilmington, DE 19898 (US)..
(86)	International application No.	: Pct/US00/21782		
	Filing Date	: 10/08/2000		
(87)	International Publication No.	: WO/2001/58983	(72)	Name of the Inventor: Joseph, V., KURIAN; Yuanfeng LIANG; Donald, Edward PUTZUG.
(61)	Patent of Addition to Application No.	: N.A.		
(62)	Divisional to Application No.	: NIL		
	Filed On	: N.A.		
	Total No. of pages of C.S	: 16		
	Total No. of Pages of Drawing	: Nil		

(57) Abstract: A process for producing a ply(trimethylene terephthalate) pre;polymer or polyester, comprising contacting, in the presence of a catalyst, terephthalic acid with 1,3-propanediol wherein said catalyst comprises tin and titanium; wherein the tin catalyst is selected from the group consisting of n-butylstannoic acid, octylstannoic acid, dimethyltin oxide, dibutyltin oxide, dioctyltin oxide, diphenyltin oxide, tri-n-butyltin acetate, tri-n-butyltin chloride, tri-n-butyltin fluoride, triethyltin chloride, triethyltin bromide, triethyltin acetate, trimethyltin hydroxide, triphenyltin chloride, triphenyltin bromide, triphenyltin acetate, or combinations of two or more thereof; the titanium catalyst comprises a tetraalkyl titanate; characterized in that the mole ratio of 1,3-propanediol to said acid is in the range of from 1.1:1 to 2.2:1, the tin is present in the amount between 10 to 100 ppm based on the weight of said acid and the titanium is present in the amount of 10 to 200 ppm based on the weight of said acid.

(12)	PATENT APPLICATION PUBLICATION		(21)	Application No.: In/pct/2001/01067/del	
(19)	INDIA				
(22)	Date of filing of Application: 19/11/2001		(43)	Publication Date: 14/07/2006	
(54)	Title of the Invention: “Method For Producing Lactic Acid”				
(51)	International Classification	:	C 12 P 7/56	(71)	Name of Applicant: CARGILL DOW LLC,
	Priority Document No.	:	09/316,490		
(32)	Priority Date	:	21/05/1999		Address of the Applicant: 12700 Whitewater
(33)	Name of priority country	:	US		Drive Minnetonka, Minnetonka, Minnesota
(86)	International application No.	:	Pct/US00/13907		55343, United State of America.
	Filing Date	:	19/05/2000		
(87)	International Publication No.	:	WO/2000/71738	(72)	Name of the Inventor:
(61)	Patent of Addition to				Rajgarhia, Vineet,
	Application No.	:	N.A.		Hatzimanikatis, Vassily,
(62)	Divisional to Application No.	:	NIL		Olson, Stacey,
	Filed On	:	N.A.		Carlson, Ting Liu,
	Total No. of pages of C.S	:	73		Starr, John N.,
					Kolstad, Jeffrey J.
					Eyal, Aharon
	Total No. of Pages of Drawing	:	17		

(57) Abstract: The present invention related to a method and materials for producing organic products. More particularly, the invention relates to a process of producing lactic acid. Specifically, the present invention provides yeast cells, methods of culturing yeast cells, nucleic acid constructs, and methods and materials for producing various organic products.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 0138/del/1998	
(19)	INDIA			
(22)	Date of filing of Application: 19/01/1998	(43)	Publication Date: 14/07/2006	
(54)	Title of the Invention: “COUPLER DEVICE FOR VEHICULAR BATTERY”			
(51)	International Classification	: B 60 R 16/02	(71)	Name of Applicant:
	Priority Document No.	: Hei-9-033782 Hei-9-302206		HONDA GIKEN KOGYO KABUSHIKI KAISHA.
(32)	Priority Date	: 18/02/1997 04/11/1997		Address of the Applicant: 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan.
(33)	Name of priority country	: Japan		
(86)	International application No.	: NA	(72)	Name of the Inventor:
	Filing Date	: NA		Nobuaki Komuro,
(87)	International Publication No.	: NA		Kenichi Saitou.
(61)	Patent of Addition to			
	Application No.	: N.A.		
(62)	Divisional to Application No.	: NIL		
	Filed On	: N.A.		
	Total No. of pages of C.S	: 28		
	Total No. of Pages of Drawing	: 14		

(57) Abstract: [Solving Means] The starter relay 35, a main fuse 36, and a sub-fuse 37 are disposed on a front surface of a coupler device 30, and a back lid 39 is openably provided on a back surface of the coupler device 30 through a hinge 38. A spare fuse containing portion 41 is integrally provided on the back lid 39, with its opening portion disposed on the left side. Reference numeral 43 indicates a spare main fuse, and 43 is a spare sub-fuse.

[Effect] The starter relay 35, main fuse 36, and sub-fuse 37 can be exchanged from the exterior at any time. Further, the starter relay 35, main fuse 36, and sub fuse 37 are all inserted from the lower left side to the upper right side and removed from the upper right side to the lower left side. Since the starter relay 35, main fuse 36, and sub fuse 37 are all inserted and removed in the same direction, it is possible to make compact the coupler device 30.

(12)	PATENT APPLICATION PUBLICATION		(21)	Application No.: 2774/del/1996
(19)	INDIA			
(22)	Date of filing of Application: 11/12/1996		(43)	Publication Date: 14/07/2006
(54)	Title of the Invention: “Method and Circuit Arrangement for Operating A Discharge Lamp”			
(51)	International Classification	: H 05 B 37/02	(71)	Name of Applicant: PATENT-TREUHAND- GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH.
	Priority Document No.	: 195 46 588.1		
(32)	Priority Date	: 13/12/1995		
(33)	Name of priority country	Germany		
(86)	International application No.	: NA		Address of the Applicant: Hellabrunner Str. 1, 81543 Munchen, Germany.
	Filing Date	: NA		
(87)	International Publication No.	: NA		
(61)	Patent of Addition to Application No.	: N.A.	(72)	Name of the Inventor: KLAUS FISCHER,
(62)	Divisional to Application No.	: NIL		
	Filed On	: N.A.		
	Total No. of pages of C.S	: 34		
	Total No. of Pages of Drawing	: 04		

(57) **Abstract:** method for operating a discharge lamp, with a load circuit which contains the discharge lamp, a capacitor connected in parallel therewith, a coil, at least one further capacitor and an element which registers a load current flowing in the load circuit, and with an inverter with two switching elements which are externally controlled with a frequency of the inverter, characterized in that the following procedural steps are carried out in the preheating phase.

- registering the actual value of the load current;
- forming a first, time-invariant setpoint value of the load current, which corresponds to a desired actual value of a load current in the preheating phase;
- activating a clock generator which runs freely at a frequency which is less than the resonant frequency of the load circuit when the lamp is off and is greater than the resonant frequency of the load circuit when the lamp is on;
- terminating the preheating phase after a first predeterminable time period has elapsed; in the striking phase.
- registering the actual value of the load current in the load circuit;
- forming a time-varying setpoint value of the load current, which setpoint value is brought from a time-invariant setpoint value of the load current to a predeterminable value (SW2max);
- synchronizing the clock generator with the frequency of the inverter;
- terminating the striking phase as soon as the setpoint value of the load current has reached a value at which the on-time of a half-bridge switching element is greater than the period of the free-running clock generator, in normal operation
- registering the actual value of the load current; and
- forming a second, time-invariant setpoint value of the load current, which setpoint value corresponds to a desired actual value of the load current in normal operation.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 630/del/2002
(19)	INDIA		
(22)	Date of filing of Application: 12/06/2002	(43)	Publication Date: 14/07/2006
(54) Title of the Invention: "A FLAT CATHODE RAY TUBE PANEL"			
(51)	International Classification	:	H 01 J 29/02
	Priority Document No.	:	P 2001-44557
(32)	Priority Date	:	24/07/2001
(33)	Name of priority country	:	KOREA
(86)	International application No.	:	NA
	Filing Date	:	NA
(87)	International Publication No.	:	NA
(61)	Patent of Addition to		
	Application No.	:	N.A.
(62)	Divisional to Application No.	:	NIL
	Filed On	:	N.A.
	Total No. of pages of C.S	:	13
	Total No. of Pages of Drawing	:	05
(71)	Name of Applicant:		LG. Philips Displays Korea Co., Ltd.
	Address of the Applicant:		184, Kongdan-Dong, Kumi-Shi, Kyongsangbuk-Do, Korea.
(72)	Name of the Inventor:		THO, GI HOON, JUNG, SUNG HAN

(57) Abstract: Flat CRT panel including a substantially flat outside surface, and an inside surface of a fixed curvature, wherein the inside surface of the panel is formed to meet a condition of $\{(Rh+Rv)/2\} * Rd = 8.0-10.3$, where "Rd" denotes a representative diagonal sectional radius of curvature, "Rh" denotes a representative long-axis sectional radius of curvature, and "Rv" represents a representative short-axis sectional radius of curvature when an effective screen size of the panel is greater than 25", thereby reducing thermal breakage, and permitting fabrication of lighter panel.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: In/pct./2001/00682/del
(19)	INDIA		
(22)	Date of filing of Application: 31/07/2001	(43)	Publication Date: 14/07/2006

(54) Title of the Invention: "COLOR IMAGE SEGMENTATION SYSTEM"

(51)	International Classification	:	G06T 5/00	(71)	Name of Applicant:
	Priority Document No.	:	60/130, 643		SAMSUNG ELECTRONICS
(32)	Priority Date	:	20/04/1999		CO., LTD
(33)	Name of priority country	:	US		&
(86)	International application No.	:	PCT/KR00/00248		The Regents of The University
	Filing Date	:	NA		of California .
(87)	International Publication No.	:	WO 00/65839		Address of the Applicant: 416 Maetandong,
(61)	Patent of Addition to	:			Paldal-gu Suwon-city, Kyungki-do, 442-373
	Application No.	:	N.A.		Republic of Korea.
(62)	Divisional to Application No.	:	NIL		&
	Filed On	:	N.A.		1111 Franklin Street, Twelfth Floor, Oakland,
	Total No. of pages of C.S	:	12		California 94607-5200, USA.
				(72)	Name of the Inventor:
					Hyun-doo Shin
					Yang-lim Choi
					B.S. Manjunath
					Yining Deng
	Total No. of Pages of Drawing	:	05		

(57) Abstract: A color image segmentation system for segmenting a color image into a plurality of regions, said system comprising:

An input means (102) for inputting the color image;

A first means (104, 106) for calculating a predetermined value representing the degree of difference from the color of peripheral pixels based on pixel values of the input color image;

A second means (108,110) for converting the calculated value into a value of a predetermined scale; and a segmenting means (112) for segmenting the converted image.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 1886/del/1998	
(19)	INDIA			
(22)	Date of filing of Application: 03/07/1998	(43)	Publication Date: 14/07/2006	
(54)	Title of the Invention: “A process for preparation of improved cation exchange resins”			
(51)	International Classification	: B 01 J 39/00	(71)	Name of Applicant: The Chief Controller Research & Development.
	Priority Document No.	: Nil		
(32)	Priority Date	: Nil		
(33)	Name of priority country	: Nil		Address of the Applicant: B-341, Sena Bhawan, DHQ P.O. New Delhi.
(86)	International application No.	: NA		
	Filing Date	: NA		
(87)	International Publication No.	: NA		
(61)	Patent of Addition to Application No.	: N.A.	(72)	Name of the Inventor: Annakutty Mathew, Pramil Chandra Deb
(62)	Divisional to Application No.	: NIL		
	Filed On	: N.A.		
	Total No. of pages of C.S	: 13		
	Total No. of Pages of Drawing	: Nil		

(57) Abstract: This invention relates to a process for the preparation of improved cation exchange resin beads based on sulphonated crosslinked styrene copolymer. The process comprises in the synthesis of copolymer in the form of spherical beads by polymerization of styrene with a monomer selected from maleic anhydride, acrylic acid or methacrylic acid and then the beads so obtained are subjected to the step of sulphonation.

(12)	PATENT APPLICATION PUBLICATION		(21)	Application No.: 1179/del/2000	
(19)	INDIA				
(22)	Date of filing of Application: 18/12/2000		(43)	Publication Date: 14/07/2006	
<hr/>					
(54)	Title of the Invention: “A reactive armour”				
<hr/>					
(51)	International Classification	:	H 01 J 29/02	(71)	Name of Applicant: The additional director (IPR),
	Priority Document No.	:	NA		
(32)	Priority Date	:	NA		Address of the Applicant: B-341, Sena Bhawan,
(33)	Name of priority country	:	NA		DHQ P.O. New Delhi – 110 011.
(86)	International application No.	:	NA		
	Filing Date	:	NA	(72)	Name of the Inventor:
(87)	International Publication No.	:	NA		YADAV HARPAL SINGH
(61)	Patent of Addition to				BOHRA BHERU MOHANLAL
	Application No.	:	N.A.		JOSHI GANGADHAR DATTATRAY
(62)	Divisional to Application No.	:	NIL		VEER RAMCHANDRA GANPAT
	Filed On	:	N.A.		SUNDARAM SRINIVAS GANAPATI
	Total No. of pages of C.S	:	08		KAMAT PRAMOD VITHOBA.
	Total No. of Pages of Drawing	:	01		

(57) Abstract: this invention relates to a reactive armour for protection to armoured fighting vehicles against tandem shaped charge warhead besides providing protection against other high caliber shaped charge warheads comprising an arrangement housed in a hardened steel box (1) covered with a lid (10) wherein the arrangement comprises: (a) non-reactive element comprising of a rolled sheet (12) of non-reactive inert material sandwiched between a metallic sheets (3) and (4) and held to box (1);(b) a reactive element comprising of a rolled sheet (7) of an insensitive explosive sandwiched between metallic sheets (6) and (9); (c) said non-reactive element disposed in a spaced relationship from said reactive element to define an air space (5); (d) metal spacers (8,8) disposed between the rolled sheet and metal sheet to provide air gap.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 2659/del/1997
(19)	INDIA		
(22)	Date of filing of Application: 18/09/1997	(43)	Publication Date: 14/07/2006
<hr/>			
(54)	Title of the Invention: “A horizontal form fill and seal machine”		
<hr/>			
(51)	International Classification	: B 65 B 9/00 B 65 B 41/00	(71) Name of Applicant: Lajpat Rai Khosla And Rajesh Khosla
	Priority Document No.	: NA	
(32)	Priority Date	: NA	Address of the Applicant: 644, Sector-16-D, Chandigarh, India.
(33)	Name of priority country	: NA	
(86)	International application No.	: NA	
	Filing Date	: NA	
(87)	International Publication No.	: NA	(72) Name of the Inventor: Lajpat Rai Khosla Rajesh Khosla.
(61)	Patent of Addition to Application No.	: N.A.	
(62)	Divisional to Application No.	: NIL	
	Filed On	: N.A.	
	Total No. of pages of C.S	: 10	
	Total No. of Pages of Drawing	: 03	

(57) Abstract: This invention relates to a horizontal form fill and seal machine comprising a reel holder (1) secured with the frame of the machine for supporting a wrapping film reel (2) over the feeding end of the work table (2a), of the machine, guide rollers (1a) provided over the work table to guide the movement of the wrapping film (2) to the tube forming folders pressure pull rollers (6) and heat rollers (7) provided for pulling and heating the fins of the tube, characterised in that is the rotary knives (8) with heating mechanism provided on the work table (2a) near the discharge end to cut and seal the packet, cross pusher (14) provided at the discharge end of said work table (2a) to push the packet into a sealing table (11) provided with the pulse sealing and trimming mechanism (13) therewith.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 419/del/1997
(19)	INDIA		
(22)	Date of filing of Application: 21/02/1997	(43)	Publication Date: 14/07/2006
(54)	Title of the Invention: "A Coaxial Ceramic Connector"		
(51)	International Classification	: H 01 R 9/00 H 02 G 15/00	(71) Name of Applicant: The Chief Controller,
	Priority Document No.	: NA	Address of the Applicant: B-341, Sena Bhawan, DHQ P.O. New Delhi – 110 011.
(32)	Priority Date	: NA	
(33)	Name of priority country	: NA	
(86)	International application No.	: NA	(72) Name of the Inventor:
	Filing Date	: NA	Devendra Kapil,
(87)	International Publication No.	: NA	Prabhakar narhar Gadhikar,
(61)	Patent of Addition to Application No.	: N.A.	Mattalayi Perikamana Subramanian
(62)	Divisional to Application No.	: NIL	Namboodiri,
	Filed On	: N.A.	Harishchandra Hansraj Kumar,
	Total No. of pages of C.S	: 12	Sharad Lakshman Kulkarni.
	Total No. of Pages of Drawing	: 02	

(57) Abstract: This invention relates to a coaxial ceramic connector comprises of a metallic ring (4) accommodating a ceramic cylinder (3) therein, said ceramic cylinder (3) is disposed with a central core (2) wherein the inner diameter of said ceramic cylinder (3) is equal to the outer diameter of said central core (2) and the inner diameter of the metallic ring (4) is equal to the outer diameter of said ceramic cylinder (3), said central core (2) is provided with rectangular and flat opposite ends.

(12)	PATENT APPLICATION PUBLICATION		(21)	Application No.: 300/del/2001	
(19)	INDIA				
(22)	Date of filing of Application: 19/03/2001		(43)	Publication Date: 14/07/2006	
<hr/>					
(54)	Title of the Invention: “A PROCESS FOR THE PREPARATION OF A PARCHMENT LIKE MATERIAL”				
<hr/>					
(51)	International Classification	:	D 06 N 3/00	(71)	Name of Applicant:
	Priority Document No.	:	NA		Council of Scientific and Industrial Research.
(32)	Priority Date	:	NA		
(33)	Name of priority country	:	NA		Address of the Applicant: Rafi Marg, New Delhi
(86)	International application No.	:	NA		– 110 001.
	Filing Date	:	NA		
(87)	International Publication No.	:	NA	(72)	Name of the Inventor:
(61)	Patent of Addition to Application No.	:	N.A.		Chellan Rose,
(62)	Divisional to Application No.	:	NIL		Mandyam Devasikamani Ranganayaki,
	Filed On	:	N.A.		Subramanian Ramakrishnan,
	Total No. of pages of C.S	:	14		Thenthiruperai Srinivasan Srinivasan,
	Total No. of Pages of Drawing	:	Nil		Shahukaru Seethalakshmi,
					Thotapalli Parvathaleswara Sastry.

(57) Abstract: A process for the preparation of parchment like material by size reduction of chrome shavings to a fibre size of not more than 35 mm known method, followed by hydrolysis with alkali by conventional method at a pH in the range of 10-13 for a period in the range of 0.5-4 hrs to get a semi solid mass, adjusting the pH of the semi solid mass, as formed in step(i), in the range of 1.5-3 by conventional method, optionally raising the pH of the resulting mass to a range of 3.5-5 by known method, adding 1-5% w/v of conventional plasticizer and/ or 0.05-2% w/v of conventional crosslinker to the mass followed by casting and subsequent drying by conventional method at a temperature in the range of 35-50°C to get parchment like material.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: IN/PCT/2001/00151/DEL
(19)	INDIA		
(22)	Date of filing of Application: 16/02/2001	(43)	Publication Date: 14/07/2006

(54) Title of the Invention: "PROCESS FOR REGENERATING A CATALYST"

(51)	International Classification	: B 01 J 38/12, C 07 D 201/08	(71)	Name of Applicant: RHODIA FIBER AND RESIN INTERMEDIATES,
	Priority Document No.	: 98/09528		Address of the Applicant: 25 Quai Paul-Doumer, F-92408 Courbevoie, Cedex, France.
(32)	Priority Date	: 22/07/98		
(33)	Name of priority country	: FR		
(86)	International application No.	: PCT/FR99/01729		
	Filing Date	: 15/07/1999	(72)	Name of the Inventor: JEAN-PIERRE BRUNELLE, CHRISTOPHE NEDEZ.
(87)	International Publication No.	: WO/2000/04994		
(61)	Patent of Addition to Application No.	: N.A.		
(62)	Divisional to Application No.	: NIL		
	Filed On	: N.A.		
	Total No. of pages of C.S	: 18		
	Total No. of Pages of Drawing	: Nil		

(57) Abstract: Process for regenerating a catalyst for the cyclizing hydrolysis of an aminonitrile into a lactam, the said catalyst being a solid oxide, characterized in that the catalyst is treated at a temperature of between 300oC and 600oC in an oxidizing atmosphere of the kind herein described.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 637/DEL NP/2005
(19)	INDIA		
(22)	Date of filing of Application: 17/02/2005	(43)	Publication Date: 14/07/2006

(54) Title of the Invention: "ELECTROCHEMICAL SCALE INHIBITION"

(51)	International Classification	: C 23 F 13/02	(71)	Name of Applicant: ALCAN INTERNATIONAL LIMITED
	Priority Document No.	: 10/222,631		
(32)	Priority Date	: 15/08/2002		Address of the Applicant: 1188 Sherbrooke
(33)	Name of priority country	US		Street West, Montreal, Québec H3A 3G2 (CA).
(86)	International application No.	: PCT/CA03/001200		
	Filing Date	: 11/08/2003	(72)	Name of the Inventor:
(87)	International Publication No.	: WO/2004/016833		RAYMOND BREAUULT,
(61)	Patent of Addition to Application No.	: N.A.		
(62)	Divisional to Application No.	: NIL		
	Filed On	: N.A.		
	Total No. of pages of C.S	: 23		
	Total No. of Pages of Drawing	: 08		

(57) Abstract: A process of reducing scaling of a metal surface exposed to an aqueous solution from which scale may form after a period of exposure. The process comprises applying a cathodic potential to the surface for at least some of the period of exposure. In some cases, e.g. when an article is made of a ferrous metal, it is advantageous to coat the article with a different metal (e.g. copper or an alloy of copper) before applying the cathodic potential to avoid hydrogen generation and excessive current flow. An article to be protected from scaling may also advantageously be electrically isolated from other parts of an apparatus.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 631/DEL NP/2005
(19)	INDIA		
(22)	Date of filing of Application: 17/02/2005	(43)	Publication Date: 14/07/2006
<hr/>			
(54)	Title of the Invention: “ORGANIC LIGHT EMITTING MATERIALS WITH ANIONIC LIGAND”		
<hr/>			
(51)	International Classification	: C 07 F 15/00, H 01 L 51/30	(71) Name of Applicant: THE UNIVERSITY OF SOUTHERN CALIFORNIA
	Priority Document No.	: 60/404,087	
(32)	Priority Date	: 16/08/2002	Address of the Applicant: 3716 South Hope Street, Suite 313, Los Angeles, CA 90007- 4344 (US).
(33)	Name of priority country	: US	
(86)	International application No.	: PCT/US03/025936	
	Filing Date	: 18/08/2003	
(87)	International Publication No.	: WO/2004/017073	
(61)	Patent of Addition to Application No.	: N.A.	(72) Name of the Inventor: MARK E. THOMPSON, PETER I. DJUROVICH, JIAN LI.
(62)	Divisional to Application No.	: NIL	
	Filed On	: N.A.	
	Total No. of pages of C.S	: 39	
	Total No. of Pages of Drawing	: 02	

(57) Abstract: Emissive phosphorescent organometallic compounds that produce electroluminescence and organic light emitting devices employing such emissive phosphorescent organometallic compounds are provided. More specifically the present invention is directed to novel primarily non-emitting ligands which produce a blue shift in emitted light when associated with a cyclometallated ligand.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 327/DEL NP/2005
(19)	INDIA		
(22)	Date of filing of Application: 28/01/2005	(43)	Publication Date: 14/07/2006
(54) Title of the Invention: "FLAME-RESISTANT POLYCARBONATE MOULDING COMPOUNDS MODIFIED WITH A GRAFT POLYMER"			
(51)	International Classification	:	C 08 F 279/02
		:	C 08 F 279/04
	Priority Document No.	:	102 35 754.4
(32)	Priority Date	:	05/08/2002
(33)	Name of priority country	:	DE
(86)	International application No.	:	PCT/EP03/008034
	Filing Date	:	23/07/2003
(87)	International Publication No.	:	WO/2004/015001
(61)	Patent of Addition to		
	Application No.	:	N.A.
(62)	Divisional to Application No.	:	NIL
	Filed On	:	N.A.
	Total No. of pages of C.S	:	36
	Total No. of Pages of Drawing	:	Nil
(71)	Name of Applicant:		BAYER MATERIALSCIENCE AG.
	Address of the Applicant:		51368 Leverkusen, Germany.
(72)	Name of the Inventor:		THOMAS ECKEL, ANDREAS SEIDEL, JUAN GONZALEZ-BLANCO, DIETER WITTMANN..

(57) Abstract: Polycarbonate moulded masses modified with a graft polymer, comprising phosphorous compounds of formula (1), where R1, R2, R3 and R4, independently = optionally halo-substituted C1-C8 alkyl, optionally halo- or alkyl-substituted C5-C6 cycloalkyl, C6-C10 aryl or C7-C12 aralkyl, n independently = 0 or 1, q independently = 0, 1, 2, 3 or 4, N = 0 to 10, R5 and R6 independently = C1-C4 alkyl or halogen, Y = C1-C7 alkylidene, C1-C7 alkylene, C5-C12 cycloalkylene, C5-C12 cycloalkylidene, -O-, -S-, -SO-, -SO2- or -CO- and fluorinated polyolefins in the form of a mixture with polyalkyl(meth)arylates..

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 121/DEL NP/2005
(19)	INDIA		
(22)	Date of filing of Application: 13/01/2005	(43)	Publication Date: 14/07/2006

(54) Title of the Invention: "PULSE FLOW REACTION"

(51)	International Classification	: C 07 C 2/62	(71)	Name of Applicant: CATALYTIC DISTILLATION TECHNOLOGIES
	Priority Document No.	: 10/223, 192		
(32)	Priority Date	: 19/08/2002		
(33)	Name of priority country	US		Address of the Applicant: 10100 Bay Area Boulevard, Pasadena, TX 77507 (US).
(86)	International application No.	: PCT/US03/025014		
	Filing Date	: 11/08/2003		
(87)	International Publication No.	: WO/2004/016714	(72)	Name of the Inventor: LAWRENCE A. SMITH JR. WILLIAM M. CROSS
(61)	Patent of Addition to Application No.	: N.A.		
(62)	Divisional to Application No.	: NIL		
	Filed On	: N.A.		
	Total No. of pages of C.S	: 31		
	Total No. of Pages of Drawing	: 04		

(57) Abstract: A method of operating a multi-phase downflow reactor so as to induce a pulsing flow regime is disclosed. The pulse may be induced by increasing the gas rate (12) while maintaining the Liquid rate until a pressure drop sufficient to induce the pulse flow is achieved. The method is particularly useful in the sulfuric acid catalyzed alkylation of olefins in a reactor packed with a stainless steel/polypropylene mesh (40)..

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 255/DEL/2000	
(19)	INDIA			
(22)	Date of filing of Application: 16/03/2000	(43)	Publication Date: 14/07/2006	
(54)	Title of the Invention: “A Device For In Situ Separation Of Volatile Metal Hydride From Liquid Sample”			
(51)	International Classification	: B 01 D 19/00	(71)	Name of Applicant:
	Priority Document No.	: NA		Council of Scientific and industrial
(32)	Priority Date	: NA		research.
(33)	Name of priority country	: NA		
(86)	International application No.	: NA		Address of the Applicant: Rafi Marg, New Delhi
	Filing Date	: NA		– 110 001, India.
(87)	International Publication No.	: NA		
(61)	Patent of Addition to		(72)	Name of the Inventor:
	Application No.	: N.A.		Pradip Laxman Muthal,
(62)	Divisional to Application No.	: NIL		Suresh Marotrao Dhopte,
	Filed On	: N.A.		Prakash Shankarrao Kshirsagar.
	Total No. of pages of C.S	: 09		
	Total No. of Pages of Drawing	: 02		

(57) Abstract: The present invention provides a device for efficient separation volatile metal hydride from liquid phase in a continuous mode. The device comprising a gas liquid separator assembly, a T-connector, a flow meter and a burner such that the gas-liquid separator contains two parts attached with each other with standard joint, the upper part being housed with inlet for purge gas, inlet for gases and sample, outlet for the gas for feeding flame attachment and lower part contains separator with a U tube for collecting liquid droplets and an inclined side tube for draining the liquid.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.:478/DEL/2002	A
(19)	INDIA			
(22)	Date of filing of Application:22/04/2002	(43)	Publication Date: 14/07/2006	
(54)Title of the Invention:. A MACHINE FOR ELECTROCHEMICALLY ASSISTED ARC MACHING				

(51)	International Classification	:	B 23P 21/00 B23P 23/04	(71)Name of Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH ,
(31)	Priority Document No.	:	N.A.	Address of the Applicant: Rafi Marg, New Delhi- 110001, India.
(32)	Priority Date	:	N.A.	(72)Name of the Inventor: : KUPPAM JAYARAM SANTHOSH KUMAR ANNAMALAI POURASSAMY SUNDARAPANDIUM RAMA RAJAGOPALAN INDIRA RAJAGOPAL KARAIKUDI SANKARANARAYANA RAJAM
(33)	Name of priority country	:	N.A.	
(86)	International application No.	:	N.A.	
	Filing Date	:	N.A.	
(87)	International Publication No.	:	N.A.	
(61)	Patent of Addition to Application No.	:	N.A.	
(62)	Divisional to Application No.	:	N.A.	
	Filed On	:	N.A.	
	Total No. Pages	:	07	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004 : NO

(57) Abstract: A machine for electrochemically assisted are machining which comprises a machine tool essentially consisting of endless steel band mounted on a vertical band drive having two end pulleys connected to a prime mover, the said machine tool being mounted on an electrically insulated frame capable of horizontal movement to enable contact of steel band with a job to be machined, the said job being mounted on a vice, which is mounted on a electrically insulated bed, the contact surface of the said steel band and the said job being characterized in the provision of specific electrolyte supply having dual property of electrolyte dissolution of the said job and the formation of arc on the job surface respectively and the said electrolyte supply through means such as one or more nozzles connected to an electrolyte tank through a conventional chemical pump, the said steel band and said job being electrically connected to negative and positive terminals respectively of a DC power source.

(12)	PATENT APPLICATION PUBLICATION		(21)	Application No.: 1583/DEL/2003		A
(19)	INDIA					
(22)	Date of filing of Application:19/12/2003		(43)	Publication Date: 14/07/2006		
(54)Title of the Invention:.. PROCESS FOR THE PRODUCTION OF 9,10 – DIHYDROXYANTHRACENE CARBOXYLIC ACID EASTER						
(51)	International Classification	:	C07C 67/08	(71)Name of Applicant: RUTGERS CHEMICALS AG,		
(31)	Priority Document No.	:	102 60 550.5	Address of the Applicant: Kekulestrasse 30, 44579 Castrop-Rauxel, GERMANY.		
(32)	Priority Date	:	21/12/2002	(72)Name of the Inventor: : JERZY POLACZEK WOJCIECH DOMANOWSKI JAN PIELICHOWSKI ZOFIA MACHOWSKA EDGAR FUHRMANN JORG TALBIERSKY		
(33)	Name of priority country	:	GERMANY			
(86)	International application No.	:	N.A.			
	Filing Date	:	N.A.			
(87)	International Publication No.	:	N.A.			
(61)	Patent of Addition to Application No.	:	N.A.			
(62)	Divisional to Application No.	:	N.A.	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004 : NO		
	Filed On	:	N.A.			
	Total No. Pages	:	13			

57) Abstract: A process for the production of 9,10 –dihydroxyanthracene carboxylic acid ester by the catalytic oxidation of anthracene, characterized in that anthracene is treated in the liquid phase in a carboxylic acid medium selected from lower organic mono or dicarboxylic acids and their anhydrides in the presence of an organic metal salt selected from transition metals in the oxidation states +III, IV , VI ,and VII and an activating agent for the metal salt selected from bromides, iodides or chlorides at a temperature of 40 to 100⁰C, subject to the action of oxygen and light, the precipitate is separated off, the liquid remainder is treated with an etherification agent selected from lower organic mono or dicarboxylic acids and their anhydrides and the ester obtained from the reaction mixture is isolated.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 1948/DEL/1997	A
(19)	INDIA			
(22)	Date of filing of Application:14/07/1997	(43)	Publication Date: 14/07/2006	
(54)Title of the Invention:. A SYNCHRONISING RING FOR A GEARBOX SYNCHRONISER				

(51)	International Classification	:	F16 D 23/00	(71)Name of Applicant: VALEO
(31)	Priority Document No.	:	96 09412	Address of the Applicant: 43 Rue Bayen, 75017 Paris, FRANCE.
(32)	Priority Date	:	24/07/1996	(72)Name of the Inventor: : JEAN-PIERRE BOUTAUD PHILIPPE LUQUET DENIS MENARD
(33)	Name of priority country	:	FRANCE	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004 : NO
(86)	International application No.	:	N.A.	
	Filing Date	:	N.A.	
(87)	International Publication No.	:	N.A.	
(61)	Patent of Addition to	:	N.A.	
	Application No.	:		
(62)	Divisional to Application No.	:	N.A.	
	Filed On	:	N.A.	
	Total No. Pages	:	28	

(57) Abstract: A synchronizing ring for a gearbox synchronizer, of the type comprising at least one frustoconical working surface adapted to cooperate by friction with a complementary working surface of another component, wherein the frustoconical working surface is a surface of a layer of material, in particular of friction material, which is applied on a body of generally annular frustoconical working surface is a surface of a layer of material, in particular of friction material, which is applied on a body of generally annular frustoconical form fabricated from a sheet metal blank, characterized in that the layer of material is formed by moulding it in place on the fabricated body, and in that the layer of material is a layer of mouldable friction material adapted to cooperate with a friction surface in a liquid environment.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 2236/DEL/1996	A
(19)	INDIA			
(22)	Date of filing of Application:14/10/1996	(43)	Publication Date: 14/07/2006	
(54)Title of the Invention:. A DATA STORAGE SYSTEM				

(51)	International Classification	:	G11B 021/02	(71)Name of Applicant: HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.,
(31)	Priority Document No.	:	08/571,666	Address of the Applicant: Locatellikade 1, Parnassustoren, 1076 AZ AMSTERDAM, The Netherlands.
(32)	Priority Date	:	13/12/1995	(72)Name of the Inventor: : DONALD RAY GILLIS DAVID H. JEN MIKE SUK
(33)	Name of priority country	:	USA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004 : NO
(86)	International application No.	:	N.A.	
	Filing Date	:	N.A.	
(87)	International Publication No.	:	N.A.	
(61)	Patent of Addition to	:	N.A.	
	Application No.	:		
(62)	Divisional to Application No.	:	N.A.	
	Filed On	:	N.A.	
	Total No. Pages	:	36	

(57) Abstract: A data storage system has a disk having a first, second and third zone. The first zone has rough texturing to prevent stiction between a slider at rest and the disk. The second zone has intermediate texturing to prevent stiction when a moving slider is in contact with the disk.. The third zone has a smooth texture and is used for data recording. A control unit moves the slider between the zones as appropriate on power up and power down of the system. The system has an actuator latch having a bias device. The bias device allows the slider to be positioned between the first and second zones by selective energizing of the actuator while in the latched position.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: IN/PCT/2001/00110/DEL	A
(19)	INDIA			
(22)	Date of filing of Application:07/02/2001	(43)	Publication Date: 14/07/2006	
(54)Title of the Invention:. A METHOD OF DRY CLEANING ARTICLES				

(51)	International Classification	:	D06L 1/02	(71)Name of Applicant: GREENEARTH CLEANING, LLC.
(31)	Priority Document No.	:	09/115,352	Address of the Applicant: 3724 West 119 th Terrace, Leawood, KS 66209, USA
(32)	Priority Date	:	14/07/1998	(72)Name of the Inventor: : BERNDT WOLF-DIETER R GRIFFIS JOHN MCLEOD
(33)	Name of priority country	:	USA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004 : NO
(86)	International application No.	:	N.A.	
	Filing Date	:	N.A.	
(87)	International Publication No.	:	N.A.	
(61)	Patent of Addition to	:	N.A.	
	Application No.	:		
(62)	Divisional to Application No.	:	N.A.	
	Filed On	:	N.A.	
	Total No. Pages	:	10	

(57) Abstract: A method of dry cleaning articles comprising the steps of:
inserting articles to be cleaned into a machine;
immersing said articles to be dry cleaned in a dry cleaning fluid including a cyclic siloxane composition such as herein described;
agitating said articles in said cyclic siloxane composition;
removing said cyclic siloxane composition from said articles by centrifugal action;
removing said cyclic siloxane composition from said articles by circulating air said articles;
maintaining a temperature of said circulating air between 49 to 60 degrees Celsius during the removal of said cyclic siloxane composition from said articles;and preventing said articles from wrinkling by cooling said articles below 38 degrees Celsius prior to removal from the machine.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.:2818/DEL/1998	A
(19)	INDIA			
(22)	Date of filing of Application:18/09/1998	(43)	Publication Date: 14/07/2006	
(54)Title of the Invention:. MULTI-SERVICE HANDLING BY A SINGLE MOBILE STATION				

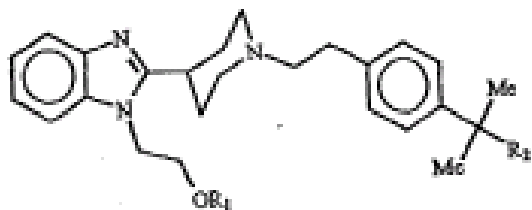
(51)	International Classification	:	H04B 7/00	(71)Name of Applicant: TELEFONAKTIEBOLAGET LM ERICSSON,
(31)	Priority Document No.	:	60/059,870 60/060,736	Address of the Applicant: S-126 25 Stockholm , Sweden.
(32)	Priority Date	:	24/09/1997 15/04/1998	(72)Name of the Inventor: : CHRISTIAAN ROOBOL JOHAN LUNDSJO MATHIAS JOHANSSON PER BEMING
(33)	Name of priority country	:	USA	
(86)	International application No.	:	N.A.	
	Filing Date	:	N.A.	
(87)	International Publication No.	:	N.A.	
(61)	Patent of Addition to Application No.	:	N.A.	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004 : NO
(62)	Divisional to Application No.	:	N.A.	
	Filed On	:	N.A.	
	Total No. Pages	:	27	

(57) Abstract: A method for processing multiple data services over a communications link between a mobile station and a base station is disclosed. A RLC/MAC protocol layer of the communications link between mobile station and a base station receive a plurality of radio bearer services each including at least one service provided by the mobile station. The plurality of radio bearer services are processed in such a manner that services having substantially similar quantity of signal requirements are combined for transmission on a single logical channel. Data within the transmission blocks may be prioritized to enable flexible control of transmission rates.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.:1069/DEL/2000	A
(19)	INDIA			
(22)	Date of filing of Application:28/11/2000	(43)	Publication Date: 14/07/2006	
(54)Title of the Invention: A PROCESS FOR PREPARING BENZIMIDAZOLE DERIVATIVES				

(51)	International Classification	: C07D 401/04 C07D 413/14 A61K 31/445	(71)Name of Applicant: FAES FARMA S.A.,
(31)	Priority Document No.	: P 9601236	Address of the Applicant: Maximo Aguirre, No. 14, 48940 Lejona, Vizcaya, SPAIN.
(32)	Priority Date	: 04/06/1996	(72)Name of the Inventor: : AURELLO ORJALES VICTOR RUBIO
(33)	Name of priority country	SPAIN	
(86)	International application No.	: N.A.	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004 : NO
	Filing Date	: N.A.	
(87)	International Publication No.	: N.A.	
(61)	Patent of Addition to Application No.	: N.A.	
(62)	Divisional to Application No.	: 1498/DEL/1997	
	Filed On	: N.A.	
	Total No. Pages	: 15	

(57) Abstract: The present invention relates to a process for preparing benzimidazole derivatives of formula:-



(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.:3290/DEL/1997	A
(19)	INDIA			
(22)	Date of filing of Application:17/11/1997	(43)	Publication Date: 14/07/2006	
(54)Title of the Invention:. A VAGINAL DEVICE THAT PROVIDES PHYSICAL AND CHEMICAL BARRIERS TO PREVENT CONCEPTION OR THE TRANSMISSION OF SEXUALLY TRANSMITTED DISEASE OR BOTH				
(51)	International Classification	: A61D 19/00, A63B 23/20, A61B 10/00, A61M 3/02	(71)Name of Applicant: FAM ILY HEALTH INTERNATIONAL ,	
(31)	Priority Document No.	N.A.	Address of the Applicant: 2224 Chapel Hill-Nelson Highway, Durham, NC 27713, USA	
(32)	Priority Date	: N.A.	(72)Name of the Inventor: : DAVID C. SOKAL LANETTA J. DORFLINGER J.V.TAPANI LUUKKAINEN PARTHENA M. MARTIN	
(33)	Name of priority country	N.A.		
(86)	International application No.	: N.A.		
	Filing Date	: N.A.		
(87)	International Publication No.	: N.A.	Filed U/S 5(2) before The Patents	
(61)	Patent of Addition to Application No.	N.A.	(Amendment) Ordinance, 2004 : YES	
(62)	Divisional to Application No.	: N.A		
	Filed On	: N.A.		
	Total No. Pages	: 25		

(57) Abstract: A vaginal device (18) that provides physical and chemical barriers to prevent conception or the transmission of sexually transmitted disease or both, characterized in that it includes a towelette (20) comprising an absorbent sheet material sized to fit within the vagina of a human female while permitting intercourse to take place, wherein an effective amount of flowable preventive formulation is incorporated into said towelette (20) and wherein the towelette (20) is capable of releasing between 1 to 10 ml of the preventative formulation during use.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.:1468/DEL/1997	A
(19)	INDIA			
(22)	Date of filing of Application:02/06/1997	(43)	Publication Date: 14/07/2006	
(54)Title of the Invention:. A PLUSE CHARGING APPARATUS				

(51)	International Classification	: H03K 3/55	(71)Name of Applicant: MITSUBISHI HEAVY INDUSTRIES LIMITED,
(31)	Priority Document No.	8-149323 : 9-000781	Address of the Applicant: 5-1, Marunochi 2-chome, Chiyoda-ku, Tokyo, JAPAN
(32)	Priority Date	: 11/06/1996 07/01/1997	(72)Name of the Inventor: : KAZUTAKA TOMIMATSU YASUTOSHI UEDA OSAMU KAWABATA SHUNSUKE KAMEL
(33)	Name of priority country	JAPAN	
(86)	International application No.	: N.A.	
	Filing Date	: N.A.	
(87)	International Publication No.	: N.A.	
(61)	Patent of Addition to Application No.	N.A. :	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004 : NO
(62)	Divisional to Application No.	: N.A.	
	Filed On	: N.A.	
	Total No. Pages	: 16	

(57) Abstract: A pulse charging apparatus comprises a DC high-voltage generator, a capacitor that is charged by a DC high voltage output from the DC high-voltage generator, a switching unit for switching charges stored on the capacitor to provide a pulse-like high voltage to a load, and a control unit for controlling the operation of the switching unit. The switching unit consists of a series combination of an electron tube and a stationary gap. The control unit controls the operation of the electron tube.

(12)	PATENT APPLICATION PUBLICATION		(21)	Application No.:2914/DEL/1996	A
(19)	INDIA				
(22)	Date of filing of Application:23/12/1996		(43)	Publication Date: 14/07/2006	
(54)Title of the Invention:. DIGITAL SIGNAL REPRODUCING APPARATUS AND REPRODUCING METHOD THEREOF					
(51)	International Classification	:	H04N 5/92 H04N 7/167 H04H 5/76	(71)Name of Applicant: SONY CORPORATION ,	
(31)	Priority Document No.	:	770,589	Address of the Applicant: 7-35, Kitashinagawa 6-chom, Shinagawa-ku, Tokyo, JAPAN	
(32)	Priority Date	:	22/12/1995	(72)Name of the Inventor: : SEIJI KOBAYASHI	
(33)	Name of priority country	:	USA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004 : NO	
(86)	International application No.	:	N.A.		
	Filing Date	:	N.A.		
(87)	International Publication No.	:	N.A.		
(61)	Patent of Addition to Application No.	:	N.A.		
(62)	Divisional to Application No.	:	N.A.		
	Filed On	:	N.A.		
	Total No. Pages	:	38		

(57) Abstract: This invention concerns a digital signal reproducing apparatus for reproducing a multiple-value signal recorded on a record medium, comprising; a plurality of recorded information assuming means for information; reproducing signal estimating means for estimating the recorded signal; distance calculating means for calculating the distance between the estimated reproduced signal and a real reproduced signal; and decoding means for calculating the sum of a plurality of outputs, of said distance calculating means, the plurality of outputs chronologically varying, detecting the minimum output from the sum, and outputting reproduced data corresponding to the detected result.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.:3206/DEL/1998	A
(19)	INDIA			
(22)	Date of filing of Application:30/10/1998	(43)	Publication Date: 14/07/2006	

(54)Title of the Invention:.. A PROCESS FOR PREPARING A POLYURETHANE MATERIAL

(51)	International Classification	: C08G 18/02, 18/02, 18/10,18/32	(71)Name of Applicant: SIMULA , INC,
(31)	Priority Document No.	09/145,658	Address of the Applicant: 10016, S.51 ST street, Phoenix, Arizona, 85044, USA.
(32)	Priority Date	: 02/09/1998	(72)Name of the Inventor: : EDWIN C. SLAGEL
(33)	Name of priority country	USA	Filed U/S 5(2) before The Patents
(86)	International application No.	: N.A.	(Amendment) Ordinance, 2004 : NO
	Filing Date	: N.A.	
(87)	International Publication No.	: N.A.	
(61)	Patent of Addition to	N.A.	
	Application No.	:	
(62)	Divisional to Application No.	: N.A	
	Filed On	: N.A.	
	Total No. Pages	: 24	

(57) Abstract: The present invention is an optically clear, high hardness, impact resistant polyurethane which provides exceptionally high heat distortion temperatures and excellent chemical resistance. The invention is particularly useful for transparency applications that requires excellent impact resistance coupled with high heat distortion temperatures, such as architectural glazings vehicles, glazing , riot shields, aircraft canopies, face masks, visors, ophthalmic and sun lenses, protective eyewear, and transparent armor.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.:IN/PCT/2001/00152/DEL
(19)	INDIA		A
(22)	Date of filing of Application:16/02/2001	(43)	Publication Date: 14/07/2006

(54)Title of the Invention:.. METHOD FOR DISTILLING AMMONIA

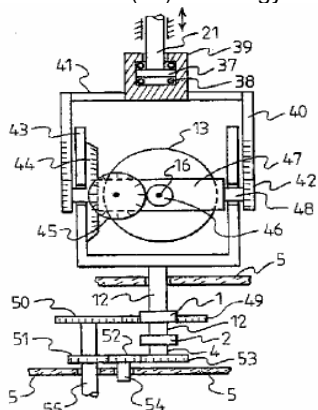
(51)	International Classification	: C01 C1/10 C07D 201/16	(71)Name of Applicant: RHODIA FIBER AND RESIN INTERMEDIATES,
(31)	Priority Document No.	9809530	Address of the Applicant: 2224 Chapel Hill-Nelson Highway, Durham, NC 27713, USA
(32)	Priority Date	: 22/07/1998	(72)Name of the Inventor: : GERALD BOCQUENET PATRICK HOUSSIER
(33)	Name of priority country	FRANCE	
(86)	International application No.	: PCT/FR99/01731	Filed U/S 5(2) before The Patents
	Filing Date	: 15/07/1999	(Amendment) Ordinance, 2004 : NO
(87)	International Publication No.	: WO 00/05173	
(61)	Patent of Addition to Application No.	: N.A.	
(62)	Divisional to Application No.	: N.A.	
	Filed On	: N.A.	
	Total No. Pages	: 12	

(57) Abstract: The present invention concerns a process for separating, by distillation, the ammonia contained in an aqueous caprolactam solution, characterized in that the distillation is carried out using a column with a bottom temperature less than or equal to 160⁰C and at an absolute pressure less than or equal to 5 bar, the ammonia distilled at the top of the column being compressed to an absolute pressure greater than or equal to 10 bar and then condensed at a temperature of 25⁰C to 60⁰C.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.:IN/PCT/2001/719/DEL	A
(19)	INDIA			
(22)	Date of filing of Application:13/08/2001	(43)	Publication Date: 14/07/2006	
(54)Title of the Invention:.. CONTINUOUSLY VARIABLE TRANSMISSION				

(51)	International Classification	: F16H33/10	(71)Name of Applicant: GYRO HOLDINGS LIMITED,
(31)	Priority Document No.	333935 : 335236	Address of the Applicant: 300 A Richmond Road, Grey Lynn, Auckland, NEW ZEALAND
(32)	Priority Date	: 28/01/1999 16/04/1999	(72)Name of the Inventor: : JEGATHEESON MUTHVETPILLAI.
(33)	Name of priority country	NEW ZEALAND	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004 : NO
(86)	International application No.	: PCT/NZ99/00186	
	Filing Date	: 10/11/1999	
(87)	International Publication No.	: WO 00/45068	
(61)	Patent of Addition to Application No.	: N.A.	
(62)	Divisional to Application No.	: N.A.	
	Filed On	: N.A.	
	Total No. Pages	: 32	

(57) Abstract: A transmission is provided which comprises a fixed housing or support (5), input means (56) moveable relative to said support (5) and a torque shaft (57) rotatable about its longitudinal axis, and a driven shaft (69) arranged to be rotated about its longitudinal axis by the torque shaft (57), a first one-way clutch (2) between the torque shaft (57) and the driven shaft (69), linkage means (58, 70) rotatable about the axis of rotation of the driven shaft (69) under the influence of said input means (56) and an inertial body (60) mounted on the linkage means (58, 70) to be cyclically angularly deflected in response to the input means (56), the reaction forces generated by the inertial body (60) as it is cyclically deflected being applied to the torque shaft (57) as a positive and negative torque and the torque shaft (57) being connected over a second one-way clutch (1) opposite to the first one-way clutch (2) either to said support (5) or to the driven shaft (69) over a rotation reversal system whereby the driven shaft (69) can be rotated by the torque shaft (57) in one sense of rotation only. The inertial body (60) preferably comprises a rotor (13) so that gyroscopic forces are applied to the torque shaft (57).



(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.:1044/DEL/1997	A
(19)	INDIA			
(22)	Date of filing of Application:23/04/1997	(43)	Publication Date: 14/07/2006	
(54)Title of the Invention:.. CENTRIFUGAL ACTION TYPE PNEUMATIC SEPARTOR				

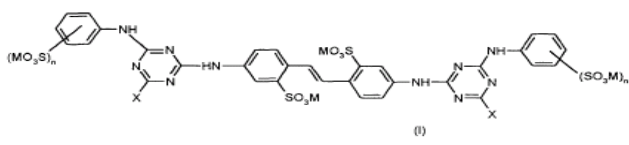
(51)	International Classification	: B07B 7/083	(71)Name of Applicant: FCB SOCIETE ANONYME
(31)	Priority Document No.	N.A.	Address of the Applicant: 38 rue de la Republique, 93100 Montreuil , FRANCE.
(32)	Priority Date	: N.A.	(72)Name of the Inventor: : ALAIN CORDONNIER DANIELLE LEMAIRE
(33)	Name of priority country	N.A.	
(86)	International application No.	: N.A.	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004 : NO
	Filing Date	: N.A.	
(87)	International Publication No.	: N.A.	
(61)	Patent of Addition to	N.A.	
	Application No.	:	
(62)	Divisional to Application No.	: N.A	
	Filed On	: N.A.	
	Total No. Pages	: 20	

(57) Abstract: Centrifugal action type pneumatic separator comprising a rotor with a vertical axis provided with vanes regularly distributed over its periphery, guide blades disposed about the rotor and a housing containing the rotor and the guide blades and provided with inputs for the air and for the material to be graded, with an evacuation conduit for the air and for the material to be graded, with an evacuation conduit for the air laden with the fine fraction of the material and with an output for the coarse fraction, with the air penetrating the rotor at its periphery via the channels (15) formed between the vanes, and flowing inside the rotor towards the evacuation conduit.

To be able to modify the grain size distribution of the particles in the finished product, the air flowing in the rotor is divide into at least two separate streams, and the rotor is equipped with means (28) for adjusting the speed and/or the flow rate of at least one of the streams.

(12)	PATENT APPLICATION PUBLICATION		(21)	Application No.:323/DEL/1998	A
(19)	INDIA				
(22)	Date of filing of Application:09/02/1998		(43)	Publication Date: 14/07/2006	
(54)Title of the Invention:.. PROCESS FOR THE PREPARATION OF SUBSTITUTED 4,4'-DIAMINOSTILBENE-2,2'-DISULPHONIC ACIDS.					
(51)	International Classification	:	C07D 251/68	(71)Name of Applicant: BAYER AKTIENGESELLSCHAFT,	
(31)	Priority Document No.	:	19706238.5	Address of the Applicant: D-51368 Leverkusen, GERMANY.	
(32)	Priority Date	:	18/02/1997	(72)Name of the Inventor: : ULRICH FELDHUES ROLF BROCKMANN UDO ECKSTEIN DETLEF SZEYMIES	
(33)	Name of priority country	:	GERMANY		
(86)	International application No.	:	N.A.	Filed U/S 5(2) before The Patents	
	Filing Date	:	N.A.	(Amendment) Ordinance, 2004 : NO	
(87)	International Publication No.	:	N.A.		
(61)	Patent of Addition to Application No.	:	N.A.		
(62)	Divisional to Application No.	:	N.A		
	Filed On	:	N.A.		
	Total No. Pages	:	22		

(57) Abstract: A process for the preparation of compounds of formula (I)



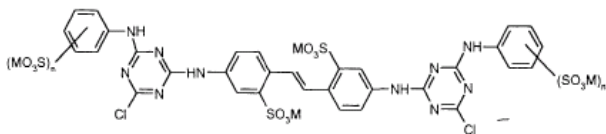
wherein

n represents 0,1 or 2

M represents hydrogen. An alkali metal ion or an optionally substituted ammonium ion and

X represents anilino, N-alkylamino or N,N-dialkylamino,

By reaction of a compound of the formula (IV)



wherein M and n have the abovementioned meaning,

with 2 molar equivalents of an amine of the formula X-H, wherein X has the abovementioned meaning, at a pH of 5-10, if appropriate in the presence of an acid-trapping agent which differs from V, characterized in that the compound of the formula (IV) is added to an aqueous reaction medium with a temperature of at least 40°C and in that the amine of the formula (V) and, if appropriate, the acid-trapping agent are added to the aqueous reaction medium independently of one another before and/or during and/or after the addition of IV, gives compounds of the formula I which are outstandingly suitable as optical brighteners.

(12)	PATENT APPLICATION PUBLICATION		(21)	Application No.:1215/DEL/2002	A
(19)	INDIA				
(22)	Date of filing of Application:03/12/2002		(43)	Publication Date: 14/07/2006	
(54)Title of the Invention:. A PROCESS FOR THE EXTRACTION OF COPPER FROM A SULPHIDE COPPER ORE OR CONCENTRAT					
(51)	International Classification	:	B01D 61/44	(71)Name of Applicant: COMINCO ENGINEERING SERVICES LTD,	
(31)	Priority Document No.	:	N.A.	Address of the Applicant: # 100 –1200 West 73 rd Avenue, Vancouver, British Columbia, Canada V6P 6G5.	
(32)	Priority Date	:	N.A.	(72)Name of the Inventor: : DAVID LLEWELLYN JONES	
(33)	Name of priority country	:	N.A.	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004 : NO	
(86)	International application No.	:	N.A.		
	Filing Date	:	N.A.		
(87)	International Publication No.	:	N.A.		
(61)	Patent of Addition to Application No.	:	N.A.		
(62)	Divisional to Application No.	:	1688/DEL/1994		
	Filed On	:	26/12/1994		
	Total No. Pages	:	61		

(57) Abstract: A process for the extraction of copper from a sulphide copper ore or concentrate, comprising the steps of :
leaching the ore or concentrate in a first leaching step with an acidic chloride solution such as herein described to produce a first copper solution and an insoluble basis copper salt;
separating, such as herein described the first copper solution and the basis copper salt;
leaching the basis copper salt in a second leaching step with an acidic sulphate solution to dissolve the copper salt to produce a second copper solution and a solid residue; and
subjecting the first and second copper solutions to solvent extraction with an organic extractant such as herein described to produce concentrated copper solution for electrowinning of copper therefrom

(12) PATENT APPLICATION PUBLICATION	(21) Application No.:IN/PCT/2001/00529/DEL	A
(19) INDIA		
(22) Date of filing of Application:18/06/2001	(43) Publication Date: 14/07/2006	

(54)Title of the Invention:.. A CHEMICAL HEAT PUMP COMPRISING A MAIN REACTOR

(51) International Classification	: F25 17/08 F28 D 20/00 C09K 5/00	(71)Name of Applicant: CLIMATEWELL AB,
(31) Priority Document No.	: 9804444-9	Address of the Applicant: Instrument 20, 125 53 Hagersten, Stockholm , SWEDEN.
(32) Priority Date	: 18/12/1998	(72)Name of the Inventor: : STAFFAN JONSSON RAY OLSSON KAREBRING-OLSSON MONA
(33) Name of priority country	SWEDEN	
(86) International application No.	: PCT/SES99/02432	
Filing Date	: 20/12/1999	
(87) International Publication No.	: WO 00/037864	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004 : NO
(61) Patent of Addition to Application No.	:	
(62) Divisional to Application No.	: N.A	
Filed On	: N.A.	
Total No. Pages	: 30	

(57) Abstract: A chemical heat pump comprising a main reactor including a first space, main condenser/evaporator including a second space, an active substance located in the first space and a volatile liquid, the vapor phase of which in a discharging step is absorbed by the active substance at a first temperature and in a charging step is desorbed by the active substance at a second higher temperature, the active substance having at the first temperature a solid state from which the active substance having at the first temperature a solid state from which the active substance when absorbing the vapor phase of the volatile liquid directly partly passes to a liquid state or solution phase of the volatile liquid directly partly passes to a liquid state or solution phase and having at the second temperature a liquid state or existing in a solution phase, from which the active substance, when in the charging step desorbing the volatile liquid, directly partly passes to a solid state, the vapor phase of the volatile liquid, in the charging step, after being desorbed by the active substance, being condensed to a liquid phase in the second space, which through a first conduit connecting the main reactor and main condenser/evaporator to the each other is in fluid connection with the first space, and the liquid phase of the volatile liquid being, in the discharging step, converted to the vapor phase while the active substance absorbs the vapor phase, a first heat exchanger having a surface in the first space for maintaining, in the discharging step when the active substance absorbs the vapor phase, a first heat exchanger having a surface in the first space for maintaining, in the discharging step when the active substance successively passes from a solid to a liquid state while absorbing the volatile liquid, the active substance in a solid state an liquid state at the first temperature, characterized by separation means in the first space to separate the active substance in the solid state from the active substance in the liquid state or solution phase and distribution means to make the separated active substance in the liquid state or solution phase pass in contact with said surface of the first heat exchanger and the active substance in the solid state.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 231/DEL/1997	A
(19)	INDIA			
(22)	Date of filing of Application:29/01/1997	(43)	Publication Date: 14/07/2006	
(54)Title of the Invention:. PHOTO-VOLTAIC APPARATUS				

(51)	International Classification	:	H01L 31/048 H01L 31/052 H01L 31/042	(71)Name of Applicant: SANYO ELECTRIC CO., LTD.,
(31)	Priority Document No.	:	13379/1996 13380/1996 3983/1997	Address of the Applicant: 5-5, Keihan Hondouri 2-chome, Moriguchi-shi, Osaka-fu, Japan.
(32)	Priority Date	:	29/01/1996 29/01/1996 13/01/1997	(72)Name of the Inventor: : KENJI UCHIHASHI TAKED ISHIDA HITOSHI KISHI RYUZO HAGIHARA
(33)	Name of priority country	:	JAPAN	
(86)	International application No.	:	N.A.	
	Filing Date	:	N.A.	
(87)	International Publication No.	:	N.A.	
(61)	Patent of Addition to Application No.	:	N.A.	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004 : NO
(62)	Divisional to Application No. Filed On	:	N.A. N.A.	
	Total No. Pages	:	58	

(57) Abstract: Aphoto –voltaic apparatus comprising:

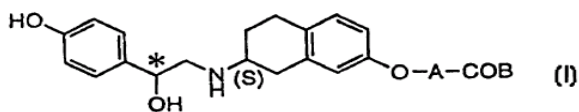
a photo –voltaic module having a plurality of photo-voltaic cells, and
an inverter for converting a direct current output generated from said photo-voltaic cells into an alternating
current an outputting the alternating current,
said inverter being mounted on a surface opposite to the light receiving surface of said photo-voltaic module
with a clearance provided therebetween.

(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.:870/DEL/1997	A
(19)	INDIA			
(22)	Date of filing of Application:04/04/1997	(43)	Publication Date: 14/07/2006	

(54)Title of the Invention:.. A PHENYLETHANOLAMINOTETRALINCARBOXAMIDE DERIVATIVE

(51)	International Classification	: C07C 233/04 A61K 31/00	(71)Name of Applicant: KISSEI PHARMACEUTICAL CO. LTD.,
(31)	Priority Document No.	HEI-8-126225	Address of the Applicant: 4365-1, Oaza Kashiwabara, Hotaka-machi, Minamiazumi-gun, Nagano 390-83, JAPAN
(32)	Priority Date	: 12/04/1996	
(33)	Name of priority country	JAPAN	(72)Name of the Inventor: : MAKIO KITAZAWA KOSUKE OKAZAKI TETSURO TAMAI MAZAARU SAITO TOBUYUKI TANAKA HIROAKI KOBAYASHI KEN KIKUCHI HIDEYUKI MURANAKA
(86)	International application No.	: N.A.	
	Filing Date	: N.A.	
(87)	International Publication No.	: N.A.	
(61)	Patent of Addition to Application No.	N.A.	
(62)	Divisional to Application No.	: N.A.	
	Filed On	: N.A.	
	Total No. Pages	: 58	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004 : YES

(57) Abstract: A novel phenylethanolaminotetralincarboxamide derivative having potent β_2 -adrenergic receptor stimulating activity, which is represented by the general formula:



(wherein A represents a lower alkylene group, B represents an amino group, a di-lower alkylamino group, or a 3 to 7 – membered alicyclic amino group which may contain an oxygen atom, the carbon atom marked with *represents a carbon atom in (R) configuration, (S) configuration, or a mixture thereof, and the carbon atom marked with (S) represents a carbon atom in (S) configuration) and a pharmaceutically acceptable salt thereof. The compounds are selective β_2 -adrenergic receptor stimulating agents with reduced burdens on cardiovascular systems, which are useful as an agent for preventing threatened abortion or premature labor, as a bronchodilator, and the like.

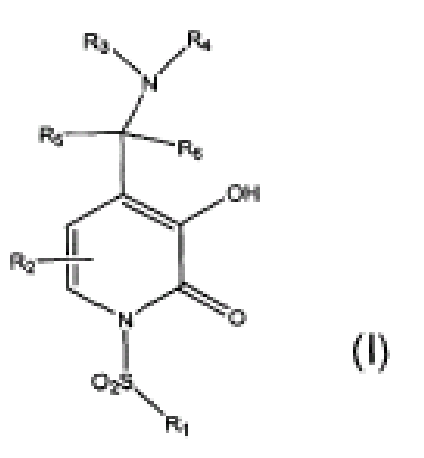
(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 1596/DELNP/2005
(19)	INDIA		
(22)	Date of filing of Application:20/04/2005	(43)	Publication Date: 14/07/2006

A

(54)Title of the Invention:.. N-SULFONYL-4-METHYLENEAMINO-3-HYDROXY-2-PYRIDONES AS ANTIMICROBIAL AGENTS.

(51)	International Classification	: C07D 213/89	(71)Name of Applicant: THE PROCTOR & GAMBLE COMPANY
(31)	Priority Document No.	60/425,071	
		:	Address of the Applicant:
(32)	Priority Date	: 09/11/2002	ONE PROCTOR & GAMBLE PLAZA, CINCINNATI, OH 45202 (US)
(33)	Name of priority country	USA	
(86)	International application No.	: PCT/US2003/035623	(72) Name of the Inventor: :
	Filing Date	: 07/11/2003	WARSHAKOON NAMAL -
(87)	International Publication No.	: WO 2004/043928	CHITHRANGA
(61)	Patent of Addition to	N.A.	BUSH RODNEY DEAN
	Application No.	:	
(62)	Divisional to Application No.	: N.A.	Filed U/S 5(2) before The Patents
	Filed On	: N.A.	(Amendment) Ordinance, 2004 : NO
	Total No. Pages	: 30	

(57) Abstract: The present invention provides compounds which are potent inhibitors of b MAP and which are effective in treating microbial infections . The present invention relates to compounds having a structure according to the following formula I.



(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 1649/DEL/1998	A
(19)	INDIA			
(22)	Date of filing of Application:16/06/1998	(43)	Publication Date: 14/07/2006	

(54) Title of the Invention:. QUATERNARY AMMONIUM COMPOUNDS

(51)	International Classification	:	A61K 31/439 C07D 453/02	(71)Name of Applicant: PFIZER INC.,
(31)	Priority Document No.	:	9712882.1	Address of the Applicant: 235 East 46 th Street, New York, 10017, USA
(32)	Priority Date	:	18/06/1997	
(33)	Name of priority country	:	UK	
(86)	International application No.	:	NA	(72) Name of the Inventor: :
	Filing Date	:	NA	SANDRA MARINA MONAGHAN
(87)	International Publication No.	:	NA	DAVID ALKER
(61)	Patent of Addition to Application No.	:	N.A.	CHRISTOPHER JOHN BURNS
(62)	Divisional to Application No.	:	N.A.	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004 : YES
	Filed On	:		
	Total No. Pages	:	127	

(57) Abstract: The present invention provides a compound of formula (I) wherein R is phenyl, C3-C7 cycloalkyl or heteroaryl, each of which being optionally benzo- or C3-C7 cycloalkyl-fused and optionally substituted, including in the benzo- or C3-C7 cycloalkyl-fused portion, by from 1 to 3 substituents each independently selected from C1-C4 alkyl, fluoro(C1-C4)alkyl, C1-C4 alkoxy, fluoro(C1-C4)alkoxy, phenoxy, C2-C4 alkanoyl, halo, C1-C4 alkoxy carbonyl, C3-C7 cycloalkyl, -S(O)m(C1-C4 alkyl), cyano, -NR<2>R<3>, -S(O)mNR<2>R<3>, -NR<4>(C1-C4 alkanoyl) and -CONR<2>R<3>, or R is 2,3-dihydrobenzo[b]furanyl or chromanyl; R<1> is H or C1-C6 alkyl; W is a direct link, methylene or ethylene; X is unbranched C2-C4 alkylene; Y is phenyl, naphthyl, benzyl, pyridyl, thienyl or C3-C7 cycloalkyl, each of which being optionally substituted by from 1 to 3 substituents each independently selected from C1-C4 alkyl, fluoro(C1-C4)alkyl, C1-C4 alkoxy, fluoro(C1-C4)alkoxy, halo and cyano; Ar is phenyl, naphthyl, benzyl, thienyl, benzo[b]thienyl or indolyl, each of which being optionally substituted by from 1 to 3 substituents each independently selected from C1-C4 alkyl, fluoro(C1-C4)alkyl, C1-C4 alkoxy, fluoro(C1-C4)alkoxy, halo and cyano, or Ar is 1,3-benzodioxolan-4 or 5-yl or 1,4-benzodioxan-5 or 6-yl; Z<A> is a pharmaceutically acceptable anion; with the proviso that when W is a direct link and R is optionally fused and optionally substituted heteroaryl, said heteroaryl is linked by a ring carbon atom to the carbonyl group. The compounds are tachykinin antagonists.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1337/DEL/2004

A

(22) Date of filing of Application: 20.7.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ IMPROVED SYSTEMS AND METHODS FOR RANKING DOCUMENTS BASED UPON STRUCTURALLY INTERRELATED INFORMATION”	
(51)	International classification	:	GO6F 15/00	(71) Name of Applicant: MICROSOFT CORPORATION
(31)	Priority Document No	:	10/663,933	Address of the Applicant: One Microsoft Way, Redmond, Washington 98052, United States of America
(32)	Priority Date	:	16.9.2003	
(33)	Name of priority country	:	USA	(72) Name of the Inventor: MARC A. NAJORK
(86)	International Application No and Filing Date:	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(87)	International Publication No	:	NA	
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

Name of Applicant:

Address of the Applicant:

(57) **Abstract:** Systems and methods for ranking Web pages based on hyperlink information in a manner that is resistant to nepotistic links are provided. In one embodiment, a Web search service is provided for returning quality query results. The vulnerability of existing ranking algorithms, such as PageRank, to Web pages that are artificially generated for the sole purpose of inflating the score of target page(s) is addressed. Intuitively, it is recognized that it is less likely to reach a particular page on a Web server having many pages via a random jump than it is to reach a particular page on a Web server having few pages, which implies that the influence of such a page upon another page by linking to, or endorsing, the other page is diminished. Thus, in various non-limiting embodiments, each Web server, not each Web page, is assigned a guaranteed minimum score. This minimum score assigned to a server can then be divided among all the pages on that Web server.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1336/DEL/2004

A

(22) Date of filing of Application: 20.7.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ SYSTEM AND METHOD FOR INTEGRATING MANAGEMENT OF RESOURCES BETWEEN APPLICATIKON SERVECES AND APPLICATIONS”	
(51)	International classification	:	H04B 7/00	(71) Name of Applicant: MICROSOFT CORPORATION
(31)	Priority Document No	:	10/648,507	Address of the Applicant: One Microsoft Way, Redmond, Washington 98052, United States of America
(32)	Priority Date	:	25.8.2003	
(33)	Name of priority country	:	USA	(72) Name of the Inventor: VIJAY MITAL MAARTEN MULLENDER ULRICH HOMANN SCOTT ISAACS
(86)	International Application No and Filing Date:	:	NA	
(87)	International Publication No	:	NA	
(61)	Patent of addition to Application No	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

Name of Applicant:

Address of the Applicant:

(57) **Abstract:** An application entity may be created and defined by a user at an application. Related service entities managed by different service applications may be matched and consolidated. The application entity may be associated with one or more related service entities. Metadata corresponding to the associated service entities may be provided to the application. Such metadata may enable the associated service entities to be managed from within the application.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1376/DEL/2004

A

(22) Date of filing of Application: 26.7.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	"METHOD OF NOISE REDUCTION USING INSTANTANEOUS SIGNAL-TO-NOISE RATIO AS THE PRINCIPAL QUANTITY FOR OPTIMAL ESTIMATION"	
(51)	International classification	:	H04B 14/06	(71) Name of Applicant: MICROSOFT CORPORATION
(31)	Priority Document No	:	10/643, 370	Address of the Applicant: One Microsoft Way, Redmond, Washington 98052, United States of America
(32)	Priority Date	:	19.8.2003	
(33)	Name of priority country	:	USA	(72) Name of the Inventor: JAMES G. DROPP LI DENG ALEJANDRO ACERO
(86)	International Application No and Filing Date:	:	NA	
(87)	International Publication No	:	NA	
(61)	Patent of addition to Application No	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

Name of Applicant:

Address of the Applicant:

(57) **Abstract:** A system and method are provided that accurately estimate noise and that reduce noise in pattern recognition signals. The method and system define a mapping random variable as a function of at least a clean signal random variable and a noise random variable. A model parameter that describes at least one aspect of a distribution of values for the mapping random variable is then determined. Based on the model parameter, an estimate for the clean signal random variable is determined. Under many aspects of the present invention, the mapping random variable is a signal-to-noise ratio variable and the method and system estimates a value for the signal-to-noise ratio variable from the model parameter.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1373/DEL/2004

A

(22) Date of filing of Application: 26.7.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ DEVICE FOR PLACING TWO CONDUITS IN COMMUNICATION, HAVING DESTRUCTIKON MEANS”
(51)	International classification	:	A61B 17/08
(31)	Priority Document No	:	0309941
(32)	Priority Date	:	14.8.2003
(33)	Name of priority country	:	FRANCE
(86)	International Application No and Filing Date:	:	NA
(87)	International Publication No	:	NA
(61)	Patent of addition to Application No	:	NA
	Filed on	:	NA
(62)	Divisional to Application No	:	
	Filed on	:	
(71)	Name of Applicant:		KSB S.A.S.
	Address of the Applicant:		4 allée des Barbanniers, 92230 Gennevilliers, France
(72)	Name of the Inventor:		RENE LAULHE JEAN-CLAUDE GARRIGUES
	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:		NO

(57) **Abstract:** This device for placing an LNG tanker in communication with a terminal comprises a first tap whose outlet ferrule 1 is connected to the inlet ferrule 2 of a second tap via a link 3 and pyrotechnic means for destroying the link 3.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1378/DEL/2004

A

(22) Date of filing of Application: 26.7.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ METHOD AND APPARATUS FOR VOCAL TRAACT RESONANCE TRACKING USING NONLINEAR PREDICTOR AND TARGET-GUIDED TEMPORAL CONSTRAINT”
(51)	International classification	:	G10L 19/00
(31)	Priority Document No	:	10/652, 976
(32)	Priority Date	:	29.8.2003
(33)	Name of priority country	:	USA
(86)	International Application No and Filing Date:	:	NA
(87)	International Publication No	:	NA
(61)	Patent of addition to Application No	:	NA
	Filed on	:	NA
(62)	Divisional to Application No	:	
	Filed on	:	

(71) Name of Applicant:
MICROSOFT CORPORATION

Name of Applicant:

Address of the Applicant:
One Microsoft Way, Redmond,
Washington 98052, United States
of America

Address of the Applicant:

(72) Name of the Inventor:
LI DENG
ISSAM BAZZI
ALEJANDRO ACERO

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) **Abstract:** A method and apparatus map a set of vocal tract resonant frequencies, together with their corresponding bandwidths, into a simulated acoustic feature vector in the form of LPC cepstrum by calculating a separate function for each individual vocal tract resonant frequency/bandwidth and summing the result to form an element of the simulated feature vector. The simulated feature vector is applied to a model along with an input feature vector is applied to a model along with n input feature vector to determine a probability that the set of vocal tract resonant frequencies is present in a speech signal. Under one embodiment, the model includes a target-guided transition model that provides a probability of a vocal tract resonant frequency. Under another embodiment, the phone segmentation is provided by an HMM system and is used to precisely determine which target value to use at each frame.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1386/DEL/2004

A

(22) Date of filing of Application: 27.7.2004

(43) Publication Date: 14/07/2006

(54) Title of the invention: : “ TEXTILE MACHINERY”	
(51) International classification : B 65H 54/20	(71) Name of Applicant: TMT MACHINERY, INC.
(31) Priority Document No : 2003-298901	Address of the Applicant: 6 th Fl., Osaka Green Bldg., 2-6-26, Kitahama, Chuo-ku, Osaka-shi, Osaka 541-0041, Japan
(32) Priority Date : 22.8.2003	(72) Name of the Inventor: SAKAMOTO NOBUO
(33) Name of priority country : JAPAN	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(86) International Application No and Filing Date: : NA	
(87) International Publication No : NA	
(61) Patent of addition to Application No : NA	
Filed on : NA	
(62) Divisional to Application No :	
Filed on :	

(57) **Abstract:** A conventional “front handling” type textile machinery creates problems described below. (1) An exclusive threading device that threads a yarn path must be provided at an inaccessible position behind the winding device. (2) The maintenance of a traverse device cannot be easily carried out. (3) It is difficult to discover stations with a cut yarn. (4) Owing to an angle through which the yarn path is bent, processable yarn types are limited. In a “front handling” type textile machinery configured so that removal of a winding package 12 and supply of an empty bobbin 21 are carried out from a work passage R side, this invention is characterized that winding devices 15 are staggered along a direction in which stations 10 are arranged in line so that the winding devices 15 of the adjacent stations 10 have different vertical positions. Further, guides for yarn running are arranged so that a yarn Y introduced into each of the winding devices 15 runs outside a space for removal of the winding packages 12 from the other winding devices 15 and supply of the empty bobbins 21 to the other winding devices 15.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1397/DEL/2004

A

(22) Date of filing of Application: 28.7.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ A PROCESS FOR PREPARATION OF STABLE PHARMACEUTICAL COMPOSITIONS OF NATEGLINIDE”	
(51)	International classification	:	A61K 31/198	(71) Name of Applicant: RANBAXY LABORATORIES LIMITED
(31)	Priority Document No	:		Address of the Applicant: 19, Nehru Place, New Delhi- 110 019
(32)	Priority Date	:		
(33)	Name of priority country	:		(72) Name of the Inventor: 1. ROMI BARAT SINGH 2. NIDHI SINGH 3. VISHNUBHOTLA NAGA PRASAD
(86)	International Application No and Filing Date:	:	NA	
(87)	International Publication No	:	NA	
(61)	Patent of addition to Application No	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

(57) Abstract: The present invention relates to a process for preparation of stable pharmaceutical compositions of Nateglinide.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1396/DEL/2004

A

(22) Date of filing of Application: 28.7.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ A PROCESS FOR PREPARING TABLETS CONTAINING HIGH IRBESARTAN CONTENT”
(51)	International classification	:	A6/K
(31)	Priority Document No	:	
(32)	Priority Date	:	
(33)	Name of priority country	:	
(86)	International Application No and Filing Date:	:	NA
(87)	International Publication No	:	NA
(61)	Patent of addition to Application No	:	NA
	Filed on	:	NA
(62)	Divisional to Application No	:	
	Filed on	:	

(71) Name of Applicant: RANBAXY LABORATORIES LIMITED

Name of Applicant:

Address of the Applicant:
19, Nehru Place, New Delhi-
110 019

Address of the Applicant:

(72) Name of the Inventor:
DEEPAK MURPANI
PRAVEEN RAHEJA
SHANMUGAM KUMAR

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) Abstract: The present invention relates to tablets comprising irbesartan alone or in combination with hydrochlorothiazide and a process for preparing the same. The granules prepared according to the present invention exhibit good flowability, reduced sticking tendency and good compressibility, and further result in a dosage form that is smaller in size than was till now possible for a given unit dose of the combination.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1358/DEL/2004

A

(22) Date of filing of Application: 22.7.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“UPGRADING ALUMINIDE COATING ON USED TURBINE ENGINE COMONENT”	
(51)	International classification	:	C23F 10/44	(71) Name of Applicant: GENERAL ELECTRIC AVIATION SERVICES OPERATION (PTE) LTD.
(31)	Priority Document No	:	10/638, 581	Address of the Applicant: No.23 Loyang Way, Singapore 508726.
(32)	Priority Date	:	11.8.2003	
(33)	Name of priority country	:	USA	
(86)	International Application No and Filing Date:	:	NA	(72) Name of the Inventor: CHEN KENG NAM NGIAM SHIH-TUNG
(87)	International Publication No	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

(57) **Abstract:** A method of upgrading an aluminide coating on a used turbine engine component to a platinum aluminide coating. The method involves cleaning at least one surface of the component to remove hot corrosion products from the surface without damaging the aluminide coating. In one embodiment, the cleaning step involves immersing the component in a heated solution comprising acetic acid while agitating the solution using ultrasonic energy. A layer of platinum is then deposited onto the cleaned surface of the component. A second aluminide coating is then formed on the surface of the component to upgrade the component. The invention also relates to a turbine engine component, e.g., a turbine blade, having a metal-based substrate and a platinum aluminide coating on at least one surface thereof, which coating has been upgraded from an aluminide coating originally on the component using the above method.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1422/DEL/2004

A

(22) Date of filing of Application: 30.7.2004

(43) Publication Date: 14/07/2006

(54) Title of the invention:		: “ RTBV PLANT PROMOTER AND PROCESS THEROF”	
(51) International classification	:	A01H5/00 C12N 15/82	(71) Name of Applicant: UNIVERSITY OF DELHI
(31) Priority Document No	:		Address of the Applicant: Dept of Plant Molecular Biology, South Campus, Benito Juarez Road, New Delhi-110021
(32) Priority Date	:		
(33) Name of priority country	:		(72) Name of the Inventor: DASGUPTA INDRANIL MATHUR SALONI
(86) International Application No and Filing Date:	:	NA	
(87) International Publication No	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(61) Patent of addition to Application No	:	NA	
Filed on	:	NA	
(62) Divisional to Application No	:		
Filed on	:		

(57) **Abstract:** The present invention relates to isolation and characterization of novel nucleotide sequences from rice tungro bacilliform virus (RTBV) showing promoter activity in plants. The present invention further relates to the analysis of the functional domains of RTBV promoters by fusing full-length and deleted versions of the RTBV promoter sequences with the bacterial reporter gene GUS. The invention also relates to the study of the expression of the reporter gene in various tissues of transgenic rice and tobacco plants during different stages of development. The present invention also describes an RTBV promoter and its deletions which function in a constitutive or tissue-specific manner to drive the expression of the heterologous nucleic acid sequences in both monocot and dicot plants, cells and tissues.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1420/DEL/2004

A

(22) Date of filing of Application: 30.7.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ METHOD FOR DETECTING SOURCE STATUS CHANGES DURING TIME-SHIFT RECORDING”	
(51)	International classification	:	HO4Q 7/00	(71) Name of Applicant: THOMSON LICENSING S.A.
(31)	Priority Document No	:	03292149.6	Address of the Applicant: 46, Quai A. Le Gallo, 92100 Boulogne-Billancourt, France
(32)	Priority Date	:	1.9.2003	
(33)	Name of priority country	:	EPO	(72) Name of the Inventor: KWONG HENG KWOK
(86)	International Application No and Filing Date:	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(87)	International Publication No	:	NA	
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

(57) **Abstract:** A method is suggested for detecting a change in the status of a data source the signal of which is recorded beginning at a first time and reproduced beginning at a second time which is later than the first time. In order to prematurely inform a user about unwanted changes in the data stream originating from the data source while reproducing recorded content, the signal

to be recorded from the source is permanently monitored for properties indicating an unchanged data stream. Upon detecting a change in the data stream the user is informed, e.g., via an on-screen-display. A menu offering options for further operation or correcting a possible fault is provided to the user. Further a device incorporating the method is suggested.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1426/DEL/2004

A

(22) Date of filing of Application: 30.7.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	" A PROCESS FOR THE PRODUCTION OF WEAR RESISTANT CERAMIC LINERS"
(51)	International classification	:	CO4 B41/83
(31)	Priority Document No	:	
(32)	Priority Date	:	
(33)	Name of priority country	:	
(86)	International Application No and Filing Date:	:	NA
(87)	International Publication No	:	NA
(61)	Patent of addition to Application No	:	NA
	Filed on	:	NA
(62)	Divisional to Application No	:	
	Filed on	:	
(71)	Name of Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH Address of the Applicant: Rafi Marg, New Delhi-110001.		
(72)	Name of the Inventor: 1. SWAPAN KUMR DAS 2. NAR SINGH 3. SACHCHIDANANDA CHAKRABARTI		
	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO		

(57) **Abstract:** In the present invention there is provide a process to produce 80-90% A1203 containing wear resistant ceramic liners sintered at temperatures below 1450°C. A judicious selection of sintering additives reduced the sintering temperature of such compositions significantly, in the range of 1350 to 1400°C, as compared to 1450 to 1650°C usually adopted in the present day known method for the production of similar kind of products. The present invention saves energy during production of ceramic liners and the products protect wear against erosive and abrasive particles. The products manufactured by the present invention finds application as lining material in material handling equipment of processing industries such as Iron and steel, cement, power plant, coal washeries.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1427/DEL/2004

A

(22) Date of filing of Application: 30.7.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ A PROCESS FOR BIOLOGICAL ABATEMENT OF IRON FROM HYDROMETALLURGICAL LEACH LIQUOR”
(51)	International classification	:	COIG49/02
(31)	Priority Document No	:	
(32)	Priority Date	:	
(33)	Name of priority country	:	
(86)	International Application No and Filing Date:	:	NA
(87)	International Publication No	:	NA
(61)	Patent of addition to Application No	:	NA
	Filed on	:	NA
(62)	Divisional to Application No	:	
	Filed on	:	
(71)	Name of Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH		
	Address of the Applicant: Rafi Marg, New Delhi-110001.		
(72)	Name of the Inventor: GAUTAM ROY CHAUDHURY TRUPTI DAS		
	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:		NO

(57) **Abstract:** The process of the present invention relates to the preferential iron precipitation from leach liquor by adjustment of pH, in the presence of microorganism. In this process for biological abatement of iron from hydrometallurgical leach liquor, the essential steps or the process are simultaneous iron oxidation and iron precipitation in the presence of Thiobacillus ferrooxidans at a higher pH in the range of 2.5 to 2.9 The oxidation of ferrous sulfate to ferric sulfate followed by simultaneous precipitation of the later to crystalline jarosite compounds in the presence of Thiobacillus ferrooxidans is effected at a higher pH in the range of 2.5 to 2.9. The process is carried out at an ambient temperature and iron precipitated as crystalline jarosite compounds. The precipitate is separated by known methods from the leach liquor. Thus iron free leach liquor is obtained which can be treated by known methods for the recovery of other useful metal ions.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1429/DEL/2004

A

(22) Date of filing of Application: 2.8.2004

(43) Publication Date: 14/07/2006

(54) Title of the invention:		: “ APPARATUS FOR TRANSVERSE CONVEYANCE OF REAMS”	
(51) International classification	:	B65G 47/31	(71) Name of Applicant: E.C.H WILL GmbH
(31) Priority Document No	:	03090247.2	Address of the Applicant: Nedder feld 100, 22529 Hamburg, Germany
(32) Priority Date	:	1.8.2003	(72) Name of the Inventor: VOIGTLANDER, VOLKMAR
(33) Name of priority country	:	EUROPE	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(86) International Application No and Filing Date:	:	NA	
(87) International Publication No	:	NA	
(61) Patent of addition to Application No	:	NA	
Filed on	:	NA	
(62) Divisional to Application No	:		
Filed on	:		

(57) Abstract: The invention concerns an apparatus for conveying objects transversely to their direction of initial transport. In apparatuses of this kind there re provided two conveying elements, which are areanged on a common sliding element in the region of a dividing gap. The sliding element is simultaneously also the equalising element for the conveying elements in case of displacement of the sliding element. As both tensioning or guiding rollers and the equalizing rollers are arranged on the sliding element, it has a long length, so that the path of displacement is limited.

It is now the object of the invention to provide an apparatus which ensures a longer path of displacement of the conveying elements, so that more flexible separation of a stream of reams deposited on the apparatus can take place.

This is achieved by the fact that the sliding element and the equalizing element are separate elements. As a result, an arrangement which is very compact and so allows a longer path of displacement is provided.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1410/DEL/2004 A

(22) Date of filing of Application: 29.7.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ SYSTEM AND METHOD FOR IMPLEMENTING A FLAT AUDIO VOLUME CONTROL MODEL”
(51)	International classification	:	H03G
(31)	Priority Document No	:	60/496,337 10/880,842
(32)	Priority Date	:	19.8.2003 30.6.2004
(33)	Name of priority country	:	USA
(86)	International Application No and Filing Date:	:	NA
(87)	International Publication No	:	NA
(61)	Patent of addition to Application No	:	NA
	Filed on	:	NA
(62)	Divisional to Application No	:	
	Filed on	:	
(71)	Name of Applicant:		MICROSOFT CORPORATION
	Address of the Applicant:		One Microsoft Way, Redmond, Washington 98052-6399, United States of America
(72)	Name of the Inventor:		1. PATRICK MARKUS BAUDISCH 2. SUMIT BASU
	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:		NO

(57) **Abstract:** A system and method for implementing a flat volume model for software application audio signals is provided. A computer system generates a flat volume characteristics tree based upon current hardware/software values from an audio setting hierarchy. The computer system processes the flat volume characteristics tree and converts the optimized values into new audio hierarchy settings. The computer system can generate user interfaces representative of the flat volume settings for the software application. Adjustments to the flat volume settings result in modification to the flat volume characteristics tree and the audio setting hierarchy.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1408/DEL/2004 A

(22) Date of filing of Application: 29.7.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	' ONE PIECE ELASTOMER RELIEF AND ANTI-DRAIN BACK VALVES FOR FLUID FILTER'	
(51)	International classification	:	F16K 17/00	(71) Name of Applicant: ARVINMERITOR TECHNOLOGY, LLC
(31)	Priority Document No	:	645,965	Address of the Applicant: 2135 West maple Road, troy, Michigan 48084, United States of America
(32)	Priority Date	:	22.8.2003	
(33)	Name of priority country	:	USA	
(86)	International Application No and Filing Date:	:	NA	(72) Name of the Inventor: STEVEN L. CLINE
(87)	International Publication No	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

(57) **Abstract:** A fluid filter includes a housing having a tapping plate with a first aperture. A center tube is arranged in the housing proximate to the tapping plate. The center tube includes a second aperture. An electrometric valve assembly is arranged between the center tube and the tapping plate. The valve assembly comprises an integrated, one-piece relief valve and anti-drain back valve. The anti-drain back valve is arranged adjacent to the first aperture for selectively blocking the first aperture to prevent fluid from exiting in the side of the filter during pressure drops. The relief valve is arranged adjacent to the second aperture for selectively blocking the second aperture to permit fluid to flow past the relief valve during high-pressure conditions such as cold starts.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1409/DEL/2004

A

(22) Date of filing of Application: 29.7.2004

(43) Publication Date: 14/07/2006

(54) Title of the invention: : “ FUEL FILTER DIVERTER”	
(51) International classification : B01D 27/08	(71) Name of Applicant: ARVINMERITOR TECHNOLOGY, LLC Address of the Applicant: 2135 West maple Road, troy, Michigan 48084, United States of America
(31) Priority Document No : 10/634, 383	
(32) Priority Date : 5.8.2003	(72) Name of the Inventor: CHRISTOPHER P. DESMARAIS
(33) Name of priority country : USA	
(86) International Application No and Filing Date: : NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(87) International Publication No : NA	
(61) Patent of addition to Application No : NA	
Filed on : NA	
(62) Divisional to Application No :	
Filed on :	

(57) **Abstract:** A fuel filter assembly includes a housing having an end supporting a first tube. The housing defines a cavity that is enclosed by a cover opposite the end. A diverter is arranged within the cavity and includes first and second sides with the first side adjacent to the housing end. The diverter includes a wall on the first side in sealing engagement with either the first tube or the housing end. The diverter is constructed from a first material forming a base and a second material supported by the first material defining at least a portion of the first side. The second material may be overmolded onto the first material. Preferably, the first material is a plastic and the second material is an elastomer forming a gasket suitable for providing a seal between the diverter and the housing. One end of the filter media is embedded in the adhesive on the second side of the diverter.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1407/DEL/2004 A

(22) Date of filing of Application: 29.7.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ REDUCED SIZE EIGHT-PIN AUDIO JACK ELECTRICAL CONNECTOR”	
(51)	International classification	:	H01R 24/04	(71) Name of Applicant: MICROSOFT CORPORATION
(31)	Priority Document No	:	10/648, 182	Address of the Applicant: One Microsoft Way, Redmond, Washington 98052, United States of America
(32)	Priority Date	:	26.8.2003	
(33)	Name of priority country	:	USA	(72) Name of the Inventor: KABIR SIDDIQUI
(86)	International Application No and Filing Date:	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(87)	International Publication No	:	NA	
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

(57) **Abstract:** An improved electrical connector and jack is provided. The electrical connector includes a main connector housing and a stereo plug protruding from a front surface of the main connector housing. A first pair of electrical contact pins is supported by the main connector housing on a first side of the stereo plug, and a second pair of electrical contact pins is supported by the main connector housing on a second side of the stereo plug opposite the first side of the stereo plug. An alignment feature protrudes from the front surface of the main connector housing adjacent the stereo plug, providing orientation key and anti-rotation functions to be provided with a narrower profile.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1375/DEL/2004

A

(22) Date of filing of Application: 26.7.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ A SYSTEM AND METHOD FOR PROVIDING HIGH-QUALITY STRETCHING AND COMPRESSION OF A DIGITAL AUDIO SIGNAL”	
(51)	International classification	:	H03M 7/30	<div>(71) Name of Applicant: MICROSOFT CORPORATION</div> <div>Address of the Applicant: One Microsoft Way, Redmond, Washington 98052, United States of America</div> <div>(72) Name of the Inventor: DINEI A. FLORENCIO PHILIP A. CHOU LI-WEI HE</div> <div>Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO</div>
(31)	Priority Document No	:	10/660,325	
(32)	Priority Date	:	10.9.2003	
(33)	Name of priority country	:	USA	
(86)	International Application No and Filing Date:	:	NA	
(87)	International Publication No	:	NA	
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

(57) **Abstract:** An adaptive "temporal audio scaler" is provided for automatically stretching and compressing frames of audio signals received across a packet-based network. Prior to stretching or compressing segments of a current frame, the temporal audio scaler first computes a pitch period for each frame for sizing signal templates used for matching operations in stretching and compressing segments. Further, the temporal audio scaler also determines the type or types of segments comprising each frame. These segment types include "voiced" segments, "unvoiced" segments, and "mixed" segments which include both voiced and unvoiced portions. The stretching or compression methods applied to segments of each frame are then dependent upon the type of segments comprising each frame. Further, the amount of stretching and compression applied to particular segments is automatically variable for minimizing signal artifacts while still ensuring that an overall target stretching or compression ratio is maintained for each frame.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1474/DEL/2004

A

(22) Date of filing of Application: 9.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	"CHLORIDE ASSISTED HYDROMETALLURGICAL EXTRACTION OF METAL"	
(51)	International classification	:	C22B 3/04	(71) Name of Applicant: COMINCO ENGINEERING SERVICES LTD
(31)	Priority Document No	:		Address of the Applicant: Suite 500-200 Burrard Street, Vancouver, British Columbia, Canada V6C 3L7
(32)	Priority Date	:		
(33)	Name of priority country	:		
(86)	International Application No and Filing Date:	:	NA	(72) Name of the Inventor: DAVID LLEWELLYN JONES
(87)	International Publication No	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	
(62)	Divisional to Application No	:	1282/DEL/96	
	Filed on	:	11.6.1996	

(57) **Abstract:** A process for the extraction of Ni/Co values from an ore or concentrate comprises the steps of subjecting the ore or concentrate to pressure oxidation in the presence of oxygen and an acidic solution containing halide, copper and sulphate ions to obtain a liquor containing Ni/Co values from the resultant pressure oxidation slurry. The liquor is subjected to a selective precipitation treatment to obtain a solid containing Ni/Co hydroxide. The solid is subjected to a Ni/Co leaching stage with an ammonium solution to produce a leach solution containing Ni/Co values and a residue. The Ni/Co values are separated by solvent extraction to produce solutions suitable for electrowinning of Ni and Co. The process also provides for the recovery of precious metals and other metals such as copper

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1519/DEL/2004

A

(22) Date of filing of Application: 16.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“.SYSTEM AND METHOD FOR SHARING RIGHTS OBJECTS BETWEEN USERS”	
(51)	International classification	:	GO6F 15/26	(71) Name of Applicant: SAMSUNG ELECTRONICS CO. LTD
(31)	Priority Document No	:	10-2003-0057901	Address of the Applicant: 416 Maetan-dong, yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea
(32)	Priority Date	:	21.8.2003	
(33)	Name of priority country	:	KOREA	(72) Name of the Inventor: KYUNG-AH CHANG BYUNG-RAE, LEE
(86)	International Application No and Filing Date:	:	NA	
(87)	International Publication No	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

(57) **Abstract:** Provided is method for delivering all or part of a rights object (RO) of a user associated with the content to other users. The method includes creating a rights object to be transmitted to a second user within a limit of the rights object held by the first user, and forwarding the created rights object to the second user. The method allows each user to share its own RO with other users within the limit of the RO without server authentication.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1522/DEL/2004

A

(22) Date of filing of Application: 16.8.2004

(43) Publication Date: 14/07/2006

(54) Title of the invention: : "A PORTABLE PERMANENT DEFENSE EQUIPMENT"	
(51) International classification : F41H 11/00	(71) Name of Applicant: THE STARWIRE (INDIA) LIMITED
(31) Priority Document No :	Address of the Applicant: A-11, Nizamuddin West, New Delhi-110013
(32) Priority Date :	
(33) Name of priority country :	(72) Name of the Inventor: MOHINDER KUMAR GUPTA
(86) International Application No and Filing Date: : NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(87) International Publication No : NA	
(61) Patent of addition to Application No : NA	
Filed on : NA	
(62) Divisional to Application No :	
Filed on :	

(57) **Abstract:** The present invention provides a portable permanent defense equipment for providing protection from small arms to rocket propelled grenades comprising:
a metallic enclosure of at least 6x6x8 feet, said enclosure has a door at the back side for entrance, and at least three boxes, filled with fire resistant material, fixed on one or more than one sides of said enclosure to protect the person sitting inside the enclosure from enemy fire at least two firing cum viewing slots on one or more than one side of the enclosure for viewing the enemy movement and a metallic roof on the top of the equipment to protect from environment/air delivery mmunitions fragments.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1546/DEL/2004

A

(22) Date of filing of Application: 19.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	" MASTER CYLINDER"	
(51)	International classification	:	B60T 13/138	(71) Name of Applicant: MERITOR HEAVY VEHICLE BRAKING SYSTEM (UK) LIMITED
(31)	Priority Document No	:	0321389.9	
(32)	Priority Date	:	12.9.2003	Address of the Applicant: British company of Grange Road, Cwmbran, Gwent, NP44 3XU, United States of America
(33)	Name of priority country	:	UK	
(86)	International Application No and Filing Date:	:	NA	(72) Name of the Inventor: MARK BATCHELOR
(87)	International Publication No	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

(57) **Abstract:** A combined master cylinder and dump valve including a body having a body bore, a brake port, a tank port, and a pressure port with each port being hydraulically connected with the body bore, a piston slideable within the body bore and a plunger, the piston delimiting a part of the body bore to define a master cylinder for pressurizing the brake port, the piston further including a piston seal for isolating the pressure port from the tank port, and including a piston bore, a first piston hole set for hydraulically connecting the pressure port to the piston to the piston bore and a second piston hole set for hydraulically connecting the piston bore to the tank port, the plunger being slideably received in the piston bore and having a plunger bore, a plunger hole set for selectively connecting the first piston hole set with the plunger bore a plunger seal arrangement for selectively isolating the first piston hole set from the plunger bore, the plunger bore being hydraulically connected to the piston bore, such that: in a rest condition the master cylinder is unpressurised and the seal arrangement isolates the first piston hole set from the plunger bore, thereby isolating the pressure port from the tank port, and in an actuated condition, the plunger acts to slideably move the piston to pressurize the brake port, and the plunger hole set hydraulically connects the first piston hole set with the plunger bore, thereby hydraulically connecting the pressure port to the tank port.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1547/DEL/2004

A

(22) Date of filing of Application: 19.8.2004

(43) Publication Date: 14/07/2006

(54) Title of the invention:		: “ SYSTEM AND METHOD FOR AUTOMATIC CONVERSION FROM WAP CLIENT PROVISIONING XML REPRESENTED OBJECTS TO OMA DM TREE STRUCTURE REPRESENTED OBJECTS”	
(51) International classification	:	GO6F 17/30	(71) Name of Applicant: MICROSOFT CORPORATION
(31) Priority Document No	:	60/501,047 10/856, 432	Address of the Applicant: One Microsoft Way, Redmond, Washington 98052, United States of America
(32) Priority Date	:	8.9.2003 27.5.2004	
(33) Name of priority country	:	USA	(72) Name of the Inventor: YUHANG ZHU
(86) International Application No and Filing Date:	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(87) International Publication No	:	NA	
(61) Patent of addition to Application No	:	NA	
Filed on	:	NA	
(62) Divisional to Application No	:		
Filed on	:		

(57) **Abstract:** A method and system automatically converts a Wireless Internet Protocol (WAP) Client Provisioning (CP) objects to Open Mobile Alliance (OMA) Device Management (DM) objects. WAP CP is enabled according to XML (extensible Markup Language) and defines a standard way to bootstrap mobile device's connectivity settings and application protocol access parameters using XML. OMA DM is also enabled according to XML and provides similar functionality, but is organized according to a mandated tree structure. The present invention automatically converts vendor specific parameters from WAP CP to OMA DM such that the vendor specific parameters are more easily managed by an OMA DM server and client.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1549/DEL/2004 A

(22) Date of filing of Application: 19.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ PROCESS FOR THE PREPRATION OF ZOLPIDEM OR SALT THEREOF”	
(51)	International classification	:	CO7D 515/02	(71) Name of Applicant: RANBAXY LABORATORIES LIMITED
(31)	Priority Document No	:		Address of the Applicant: 19, Nehru Place, New Delhi- 110 019
(32)	Priority Date	:		
(33)	Name of priority country	:		(72) Name of the Inventor: ASOK NATH MOHAN PRASAD YATENDRA KUMAR
(86)	International Application No and Filing Date:	:	NA	
(87)	International Publication No	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		
(57) Abstract: The present invention relates to a process for the preparation of Zolpidem or salt thereof.				

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 1473/DEL/2004 A

(22) Date of filing of Application: 9.8.2004 (43) Publication Date: 14/07/2006

(54) Title of the invention: : “ SIDE COVER STRUCTURE”	
(51) International classification : HO1R 13/46	(71) Name of Applicant: HONDA MOTOR CO., LTD.
(31) Priority Document No : 2003-340599	Address of the Applicant: 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan
(32) Priority Date : 30.9.2003	(72) Name of the Inventor: 1. TAKUJI KAWANO 2. YUKITOU FUJIMOTO 3. YASUHIRO TAKADA 4. TOSHIO IGARASHI TERSUHITO YOKOMORI
(33) Name of priority country : JAPAN	
(86) International Application No and Filing Date: : NA	
(87) International Publication No : NA	
(61) Patent of addition to Application No : NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
Filed on : NA	
(62) Divisional to Application No :	
Filed on :	

(57) Abstract: The side cover © is composed of the cover main body (Cm) which covers the side of the space in the frame body directly under the seat and the tapered extension section (Ca) which extends as one piece from the front end of the cover main body toward the head pipe with a tapered end pointing forwardly and covers the side of the space in the frame body directly under the fuel tank, and the tapered extension section (Ca) covers the side of the upper part of the engine E.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 1499/DEL/2004 A

(22) Date of filing of Application: 12.8.2004 (43) Publication Date: 14/07/2006

(54) Title of the invention: : “ NEW AND IMPROVED TABLE TOP”	
(51) International classification : B65H 1/00	(71) Name of Applicant: BRSP PTY. LIMITED
(31) Priority Document No :	Address of the Applicant: 14 Lanyon Road, Dandenong, Victoria, 3175, Australia
(32) Priority Date :	
(33) Name of priority country :	(72) Name of the Inventor: 1. HERBERT, RICHARD CHARLES 2. HERBERT, PHILLIP MARIO JUDE 3. HERBERT, STEPHEN LAURENCE
(86) International Application No and Filing Date: : NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(87) International Publication No : NA	
(61) Patent of addition to Application No : NA	
Filed on : NA	
(62) Divisional to Application No :	
Filed on :	

(57) **Abstract:** A table top is provided for displaying an advertisement or the like. There is a substantially opaque border for a viewing zone of transparent or translucent material. An advertisement or the like to be displayed is capable of being placed behind the viewing zone or at least partly encapsulated in the viewing zone to facilitate viewing of the article from the table surface.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 1498/DEL/2004 A

(22) Date of filing of Application: 12.8.2004 (43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ DISCOLORATION-RESISTANT TIME PIECE OR JEWELRY PART”	
(51)	International classification	:	C08K 3/08	(71) Name of Applicant: ROLEX S.A.
(31)	Priority Document No	:	03405645.7	Address of the Applicant: 3-5-7 rue Francois Dussaud, CH- 1211 Geneve, Switzerland
(32)	Priority Date	:	4.9.2003	
(33)	Name of priority country	:	EP	(72) Name of the Inventor: BAUR JACQUES OULEVEY FREDERIC SAUDAN MICHELE VINCENT DENIS
(86)	International Application No and Filing Date:	:	NA	
(87)	International Publication No	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

(57) **Abstract:** Timepiece or jewelry part manufactured in an alloy comprising at least 75% gold and at least 6% copper, by weight.

According to the invention, the alloy also comprises between 0.5% and 4% platinum.

Preferably, the weight content of copper is between 15% and 18%. More Preferably, it is greater than 18% and more particularly between 20% and 22% for platinum content between 1.5% and 3%.

In another embodiment, the alloy also comprises at most 4% by weight of palladium for a copper weight content of between 6% and 15%.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1497/DEL/2004

A

(22) Date of filing of Application: 12.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	" FAILSAFE OPERATION OF ACTIVE VEHICLE SUSPENSION"
(51)	International classification	:	B60T 13/66
(31)	Priority Document No	:	10/657, 496
(32)	Priority Date	:	8.9.2003
(33)	Name of priority country	:	USA
(86)	International Application No and Filing Date:	:	NA
(87)	International Publication No	:	NA
(61)	Patent of addition to Application No	:	NA
	Filed on	:	NA
(62)	Divisional to Application No	:	
	Filed on	:	
(71)	Name of Applicant:		BOSE CORPORATION
	Address of the Applicant:		The Mountain Framingham, Massachusetts 01701-9168, United States of America
(72)	Name of the Inventor:		PAUL T. BENDER
	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:		NO

(57) **Abstract:** A system in a vehicle suspension having an actuator includes a clamp circuit powered by movement of the actuator to generate a passive damping characteristic of the actuator.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1477/DEL/2004

A

(22) Date of filing of Application: 9.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ VAPOR FRACTION FROM SEEDS OF GLYCINE MAX (L.) MERR. AND COMPOSITION THEREOF”	
(51)	International classification	:	A23L 1/20	(71) Name of Applicant: CHUI-HUNG
(31)	Priority Document No	:	10/638, 889	Address of the Applicant: No.216, LI-LIN E.RD., CHIAO-TOU COUNTRY, KAOHSIUNG COUNTRY, TAIWAN
(32)	Priority Date	:	11.8.2003	
(33)	Name of priority country	:	USA	(72) Name of the Inventor: CHUI-HUNG
(86)	International Application No and Filing Date:	:	NA	
(87)	International Publication No	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

(57) **Abstract:** The present invention mainly relates to a vapor fraction from seeds of Glycine max (L) Merr. Prepared by vaporizing a rude extract, and pharmaceutical composition thereof. The present invention also provides the use of the vapor fraction in treating skin injuries, dermatological disorders, stimulating cell regeneration, and stimulating hair growth.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1531/DEL/2004

A

(22) Date of filing of Application: 17.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	" A HIGH PERFORMANCE, ADAPTIVE LOAD OUTPUT BUFFER WITH FAST SWITCHING OF CAPACITIVE LOADS"
(51)	International classification	:	H03K 19/094 H03K 19/20
(31)	Priority Document No	:	
(32)	Priority Date	:	
(33)	Name of priority country	:	
(86)	International Application No and Filing Date:	:	NA
(87)	International Publication No	:	NA
(61)	Patent of addition to Application No	:	NA
	Filed on	:	NA
(62)	Divisional to Application No	:	
	Filed on	:	
(71)	Name of Applicant:		STMICROELECTRONICS PVT. LTD.
	Address of the Applicant:		Plot No.2 & 3, Sector 16A, Institutional Area, Noida
(72)	Name of the Inventor:		DUBEY HARI BILASH
	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:		NO

(57) Abstract: The present invention provides a high performance adaptive load output buffer with fst switching of capacitive loads comprising first set of series connected complementary casode structures having a first

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1478/DEL/2004

A

(22) Date of filing of Application: 9.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	" 1,1-BIS (4-AMINOPHENYL)-3-ALKYLCYCLOHEXANES, METHOD FOR THEIR PREPARATIONS"
(51)	International classification	:	CO7C 211/00 CO7 D 211/00
(31)	Priority Document No	:	
(32)	Priority Date	:	
(33)	Name of priority country	:	
(86)	International Application No and Filing Date:	:	NA
(87)	International Publication No	:	NA
(61)	Patent of addition to Application No	:	NA
	Filed on	:	NA
(62)	Divisional to Application No	:	
	Filed on	:	
(71)	Name of Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH		
	Address of the Applicant: Rafi Marg, New Delhi-110001.		
(72)	Name of the Inventor:		
	1. RAHUL DILIPRAO SHINGTE		
	2. PRAKASH PURUSHOTTAM WADGAONKAR		
	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:		NO

(57) **Abstract:** The present invention relates to new aromatic diamines. More particularly, the present invention relates to new aromatic dimines prepared from cashew nut shell liquid (CNSL), which is a renewable resource material. The present invention particularly relates to novel 1,1-bis(4-aminophenyl) –3- alkylcyclohexanes and to a method for their preparation.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1479/DEL/2004

A

(22) Date of filing of Application: 9.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	" A METHOD OF MANUFACRTURING IN-SITU CATALYSED CARBON USEFUL AS CARRIER MATERIAL CARBON"
(51)	International classification	:	CO1B 3/00
(31)	Priority Document No	:	
(32)	Priority Date	:	
(33)	Name of priority country	:	
(86)	International Application No and Filing Date:	:	NA
(87)	International Publication No	:	NA
(61)	Patent of addition to Application No	:	NA
	Filed on	:	NA
(62)	Divisional to Application No	:	
	Filed on	:	
(71)	Name of Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH		
	Address of the Applicant: Rafi Marg, New Delhi-110001.		
(72)	Name of the Inventor:		
	1. SUBBARAJU		
	DHEENADAYALAN		
	2. RAJAM PATTABIRAMAN		
	3. RAMASAMY		
	CHANDRASEKARAN		
	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:		NO

(57) **Abstract:** The present invention provides an energy, time and cost effective method of manufacturing carrier material with all required physico-chemical properties for effective catalyst distribution. The method involves dissolving precursor material such as glycine in water, adding and mixing surfactant and catalyst salt solution. The mixture is pre-heated to a temperature in the range of 60 to 70⁰C for about 30 minutes and heated to a final temperature in the range of 280 to 350⁰C for 2 to 5 minutes. The formed product is heat treated in an inert atmosphere, cooled down to room temperature and stored. The catalyzed carbon will be useful as carrier material carbon for the chemicals, pharmaceuticals and fuel cell industries and also useful to prepare various catalysts with carbon as a carrier material.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1482/DEL/2004

A

(22) Date of filing of Application: 10.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ COORDINATED NETWORK INITIATOR MANAGEMENT THAT AVOIDS SECURITY CONFLICTS”	
(51)	International classification	:	GO6F 17/60	(71) Name of Applicant: MICROSOFT CORPORATION
(31)	Priority Document No	:	10/658,838	Address of the Applicant: One Microsoft Way, Redmond, Washington 98052, United States of America
(32)	Priority Date	:	8.9.2003	
(33)	Name of priority country	:	USA	(72) Name of the Inventor: ALAN M. WARWICK BERNARD D. ABOBA
(86)	International Application No and Filing Date:	:	NA	
(87)	International Publication No	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

(57) **Abstract:** An abstraction module that facilitates security configuration amongst a number of initiators in a manner that there are no conflicts in the security information across all initiators. The abstraction module exposes a common interface that may be used to configure any of the initiators, receives through this common interface an indication that a selected one of the initiators is to be configured to communicate with a selected target device, and retrieves security information from a common database, the database including information that is relevant to configuring security for any of the plurality of initiators. The abstraction module identifies a security configuration for the selected initiator using the retrieved security information and, if the settings would not cause a conflict with any of the other of the initiators, uses the identified security configuration to configure the selected initiator.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1483/DEL/2004

A

(22) Date of filing of Application: 10.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ SYSTEM AND METHOD FOR COMMUNICATION BETWEEN COMPUTERS VIA AN INTEGRATED HRDWARE DEVICE”
(51)	International classification	:	H04Q 7/38H
(31)	Priority Document No	:	10/659,756
(32)	Priority Date	:	10.9.2003
(33)	Name of priority country	:	USA
(86)	International Application No and Filing Date:	:	NA
(87)	International Publication No	:	NA
(61)	Patent of addition to Application No	:	NA
	Filed on	:	NA
(62)	Divisional to Application No	:	
	Filed on	:	
(71)	Name of Applicant:		MICROSOFT CORPORATION
	Address of the Applicant:		One Microsoft Way, Redmond, Washington 98052-6399, United States of America
(72)	Name of the Inventor:		1. EDWARD NATHAN KOPPELMAN CORNILLON 2. FIRDOSH K. BHESANIA 3. AKIL HOUSTON
	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:		NO

(57) **Abstract:** Apparatus and method for performing a computer setup. A communications router and a nonvolatile memory are operatively situated between two computers. The memory stores a driver for the communications router and a software load to be installed on at least one of the computers. An autorun function loads a driver for the communications router from the nonvolatile memory to at least one of the computers. Setup software is then installed via the communications router. Other aspects of the invention relate to computer-readable media for use in connection with the foregoing.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1537/DEL/2004

A

(22) Date of filing of Application: 19.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ METHOD AND APPARATUS FOR SELECTING A BASE STATION TRANSCEIVER SYSTEM BASED ON SERVICE COMMUNICATION TYPE”
(51)	International classification	:	H04Q 7/20
(31)	Priority Document No	:	03255210.1
(32)	Priority Date	:	22.8.2003
(33)	Name of priority country	:	EP
(86)	International Application No and Filing Date:	:	NA
(87)	International Publication No	:	NA
(61)	Patent of addition to Application No	:	NA
	Filed on	:	NA
(62)	Divisional to Application No	:	
	Filed on	:	
(71)	Name of Applicant:		RESEARCH IN MOTION LIMITED
	Address of the Applicant:		295 Phillip Street, Waterloo, Ontario N2L 3W8, Canada.
(72)	Name of the Inventor:		ISLAM M. KHALEDUL HOSSAIN ASIF
	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:		NO

(57) **Abstract:** Methods and apparatus for selecting a base station transceiver system system for communication with a Third Generation (3G) (or better) mobile station are described. In one illustrative example, one or more base station transceiver systems are identified for communication with the mobile station through a scanning process. A first base station transceiver system is identified as providing a Third Generation (3G) communication service or better, whereas second base station transceiver system is identified as failing to provide the 3G or better communication service (e.g. It may provide a Second Generation (2G) communication service). The first system is selected for communication over the second system based at least in part on identifying that the second system fails to provide the 3G or better communication service. For example, the first system may be chosen over the second system if the first system has a signal quality that is better than a minimum threshold, even if an available 2G system has a better signal quality, preference for an adequate 3G or better system is given to ensure that a preferred data service is made available to the mobile station.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1536/DEL/2004

A

(22) Date of filing of Application: 18.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ SYSTEM AND METHOD FOR INCREASING DATA THROUGHPUT USING THREAD SCHEDULING”	
(51)	International classification	:	G06F 7/00	(71) Name of Applicant: MICROSOFT CORPORATION
(31)	Priority Document No	:	10/652, 709	Address of the Applicant: One Microsoft Way, Redmond, Washington 98052, United States of America
(32)	Priority Date	:	29.8.2003	
(33)	Name of priority country	:	USA	(72) Name of the Inventor: JEFFREY C. FULLER
(86)	International Application No and Filing Date:	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(87)	International Publication No	:	NA	
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

(57) **Abstract:** A system and method for delivering data from a device driver to an application increases the usage of synchronous processing (fast I/O mode) of data requests from the application by utilizing thread scheduling to enhance the likelihood that the requested data are available for immediate delivery to the application. If the amount of data in a data queue for storing data ready for delivery is low, the thread scheduling of the system is modified to promote the thread of the device driver to give it the opportunity to place more data in the data queue for consumption by the application. The promotion of the thread of the device driver may be by switching from the application thread to another thread (not necessarily the device driver thread), boosting the device driver's priority, and/or lowering the priority of the application, etc.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1531/DEL/2004

A

(22) Date of filing of Application: 17.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ A HIGH PERFORMANCE, ADAPTIVE LOAD OUTPUT BUFFER WITH FAST SWITCHING OF CAPACITIVE LOADS.	
(51)	International classification	:	HO3K 19/094 HO3K 19/20	(71) Name of Applicant: STMICROELECTRONICS PVT. LTD.
(31)	Priority Document No	:		Address of the Applicant: Plot No.2 & 3, Sector 16A, Institutional Area, Noida-201 301, Uttar Pradesh.
(32)	Priority Date	:		
(33)	Name of priority country	:		
(86)	International Application No and Filing Date:	:	NA	(72) Name of the Inventor: DUBEY HARI BILASH
(87)	International Publication No	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

(57) **Abstract:** The present invention provides a high performance adaptive load output buffer with fast switching of capacitive loads comprising a first set of series connected complementary cascode structures having a first output node at the junction of the cascode connected p-channel device; a second output node at the junction of the two cascode structures; and a third output node at the junction of the cascode connected n-channel device, and; atleast one second set of series connected complementary cascode structures having the control terminal of the p-channel cascode structure of said second set connected to the inverted output from said first output node of first complementary cascode structure; the control terminal of the n-channel cascode structure of said second set connected to the inverted output from said third output node of first complementary cascode structure; and the common terminal of said second cascode structure connected to the said second output node of first complementary cascode structure and the output pad.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1533/DEL/2004

A

(22) Date of filing of Application: 18.8.2004

(43) Publication Date: 14/07/2006

(54) Title of the invention: : “ A PROCESS FOR THE PREPARATION OF BIO-PESTICIDE”	
(51) International classification : A01N 63/04	(71) Name of Applicant: THE ENERGY AND RESOURCES INSTITUTE
(31) Priority Document No :	Address of the Applicant: Darbari Seth Block, Habitat Place, Lodhi Road, New Delhi-110003.
(32) Priority Date :	(72) Name of the Inventor: NUTAN KAUSHIK
(33) Name of priority country :	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(86) International Application No and Filing Date: : NA	
(87) International Publication No : NA	
(61) Patent of addition to Application No : NA	
Filed on : NA	
(62) Divisional to Application No :	
Filed on :	

(57) **Abstract:** This invention relates to a process for the preparation of a biopesticide containing a plant extract or fractions of Callistemon comprising the steps of : a) extraction of dried ground plant leaves of Callistemon, b) concentrating the polar extract, c) dissolving the concentrated extract in a non polar solvent, followed by filtration and concentration, d) dissolving the concentrated residual in aqueous acetone, subjecting the mixture to filtration to obtain a semi brown solid (fraction), e) adding 10 to 50% (w/v) of fraction to 1-5 parts by weight of an emulsifier and 45 to 94 parts by weight of solvent to obtain the biopesticide containing 10 to 50% (w/v) of plant extract or fractions of Callistemon, 1 to 5% of emulsifier and 45 to 94% of solvent.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1532/DEL/2004

A

(22) Date of filing of Application: 18.8.2004

(43) Publication Date: 14/07/2006

(54) Title of the invention:		: " A PROCESS FOR THE PREPARATION OF BIO-PESTICIDE"	
(51) International classification	:	A01N 63/04	(71) Name of Applicant: THE ENERGY AND RESOURCES INSTITUTE
(31) Priority Document No	:		Address of the Applicant: Darbari Seth Block, Habitat Place, Lodhi Road, New Delhi-110003.
(32) Priority Date	:		(72) Name of the Inventor: NUTAN KAUSHIK
(33) Name of priority country	:		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(86) International Application No and Filing Date:	:	NA	
(87) International Publication No	:	NA	
(61) Patent of addition to Application No	:	NA	
Filed on	:	NA	
(62) Divisional to Application No	:		
Filed on	:		

(57) **Abstract:** This invention relates to a process for the preparation of a biopesticides containing a plant extract or fractions of callistemon comprising the steps of: a) extraction of dried ground plant leaves of callistemon, b) concentrating the polar extract, c) dissolving the concentrated extract in a non polar solvent, followed by filtration and concentration, d) dissolving the concentrated residual in aqueous acetone, subjecting the mixture to filtration to obtain a semi brown solid (fraction), e) adding 10 to 15% (w/v) of fraction to 1-5 parts by weight of a wetting agent and 45 to 89 parts by weight of a carrier to obtain the biopesticide containing 10 to 50% (w/v) of extract or fractions of callistemon, 1 to 5% of a wetting agent and 45 to 89% of carrier.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 1475/DEL/2004 A

(22) Date of filing of Application: 9.8.2004 (43) Publication Date: 14/07/2006

(54) Title of the invention: : “VEHICULAR SEAT STRUCTURE”	
(51) International classification : B60J 3/02	(71) Name of Applicant: HONDA MOTOR CO., LTD
(31) Priority Document No : 2003-339339	Address of the Applicant: 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan
(32) Priority Date : 30.9.2003	(72) Name of the Inventor: KIYOTAKA FUJIHARA KOICHI SUGIOKA MAMORU OTSUBO EIJI OZAWA TOSHIKAZU SAITO YUMIO SHIBATA HIROSHI INOKAWA
(33) Name of priority country : JAPAN	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(86) International Application No and Filing Date: : NA	
(87) International Publication No : NA	
(61) Patent of addition to Application No : NA	
Filed on : NA	
(62) Divisional to Application No :	
Filed on :	

(57) Abstract: As for the seat structure of a vehicle, a wide rear seat 40 provided with right and left seated parts 42, 42 for rear occupants M2, M2 to sit is provided at the back of a front seat 30 for a rider to sit and a backrest 45 corresponding to the right and left seated parts is provided to the rear seat. The backrest is inclined diagonally forward from the outside in a direction of the width of the body in a traveling direction to the vehicle 10. Convex portions 44, 47 for regulating the movement in the direction of the width of the body of the seated rear occupants are provided between each seated part in the rear seat and to the center of the backrest. The front ends 42a; 42a of the seated parts are concave backward. The width W1 of the front-end 43a of the rear seat is smaller than the width W2 of the front seat.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1589/DEL2004

A

(22) Date of filing of Application: 24.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“PROCESS FOR MNUFCTURE OF IMPROVED LADLE BRICK COMPOSITION ADAPTED TO FORM Mg Al ₂ O ₄ SPINEL”
(51)	International classification	:	CO4B 35/103
(31)	Priority Document No	:	
(32)	Priority Date	:	
(33)	Name of priority country	:	
(86)	International Application No and Filing Date:	:	NA
(87)	International Publication No	:	NA
(61)	Patent of addition to Application No	:	NA
	Filed on	:	NA
(62)	Divisional to Application No	:	1441/DEL/1999
	Filed on	:	4.11.1999
(71)	Name of Applicant:		STEEL AUTHORITY OF INDIA LIMITED
	Address of the Applicant:		Ispat Bhawan, Lodi Road, New Delhi-110003.
(72)	Name of the Inventor:		1. ROY CHOWDHURY PANKAJ KUMAR 2. NANDY SANDIP KUMAR 3. CHAKRABORTY DEBI PRASAD
	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:		NO

(57) **Abstract:** A process for manufacture of improved ladle brick composition adapted to form Mg Al₂O₄ spinel in-situ at high temperature comprising:

Al₂O₃ 70-90% BY wt.

SiO₂ 4-8% by wt.

MgO 5-25% by wt.

CaO 0.5-1.0% by wt.

Fe₂O₃ 1.5-2.0% by wt. and

TiO₂ 2-3% by wt.

The process comprising :

Providing Al₂O₃ aggregate in amount of 60-80% by wt., MgO bearing material in amount of 5-25% by wt., carbon bearing material in amount of 2-10% by wt. binder in amount of 5-10% by wt. selectively mixing the above ingredients with said binder to thereby produce the ladle bricks adapted to form MgAl₂O₃ spinel-in-situ.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 359/DELNP/2005 A

(22) Date of filing of Application: 31.1.2005

(43) Publication Date: 14/07/2006

(54) Title of the invention: : "SAFETY CATHETER"	
(51) International classification : A61M 25/06	(71) Name of Applicant: RESTELLI SERGIO, RIGHI NARDINO, ROSSI ROBERTO
(31) Priority Document No : 02425512.7	
(32) Priority Date : 2.8.2002	Address of the Applicant: Via Quarto Peperino, 333 B, 1- 00100 Roma, Italy, Via Cavour, 7,1-20047 Brugherio, malano, Italy and Via delle Ande, 10, 1- 20151, Milano, Italy
(33) Name of priority country : EUROPE	
(86) International Application No and Filing Date: : NA	(72) Name of the Inventor: RESTELLI SERGIO RIGHI NARDINO ROSSI ROBERTO
(87) International Publication No : NA	
(61) Patent of addition to Application No : NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
Filed on : NA	
(62) Divisional to Application No :	
Filed on :	

(57) **Abstract:** A safety catheter (1) comprises a catheter body (10) having an axial channel (11) communicating with a sheath or cannula (20) for administration of fluids, a guide needle (3) insertable, though the channel (11) of the catheter body, into the sheath (20) to guide it during insertion into a patient's body (10), and a guide needle body (30), supporting the guide needle (3), insertable into the catheter body (10) and provided with at least one seat (35) for coupling with medical instruments, the body (30) of the guide needle being mounted slidably in said catheter body (10) to be able to pass from a forward working position, wherein the guide needle (3) protrudes forward from the catheter body, to a retracted safety position, wherein the guide needle (3) is protected inside the catheter body (10), there being provided locking means (40) disposed in the body (30) of the guide needle, cooperating with complementary locking or stop means (14, 15, 16) disposed in the catheter body (10), to lock the guide needle body (30) respectively in the forward working position and in the retracted safety position.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 779/DELNP/2005 A

(22) Date of filing of Application: 28.2.2005 (43) Publication Date: 14/07/2006

(54) Title of the invention: : “ DOOR CYLINDER LOCK”	
(51) International classification : EO5B 47/06	(71) Name of Applicant: GOLDMAN ILAN
(31) Priority Document No : 10/229, 256	Address of the Applicant: 3 Hayasmin Street, 46631 herzliya, Israel
(32) Priority Date : 28.8.2002	(72) Name of the Inventor: GOLDMAN ILAN
(33) Name of priority country : US	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(86) International Application No and Filing Date: : NA	
(87) International Publication No : NA	
(61) Patent of addition to Application No : NA	
Filed on : NA	
(62) Divisional to Application No :	
Filed on :	

(57) Abstract: A cylinder lock for use in a door lock, comprising an outer plug, an inner plug, a rotary cam adapted to move a deadbolt of the door lock, and a clutch adapted to engage for rotation the outer plug to the rotary cam. The cylinder lock further comprises an electronic blocking device (EBD) and a drive means adapted to actuate the clutch upon an unblocking command from the EBD generated upon receiving therein an unblocking signal emitted from the outer side of the door, thereby enabling moving the deadbolt by rotation of the outer plug. The cylinder lock comprises an inner handle attached thereto at the inner side of the door, the EBD and the drive means being entirely accommodated within the inner handle. The signal is emitted by an electronic key or panel and may be a mechanical vibration signal, a light signal, or a radio signal.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 717/DELNP/2005 A

(22) Date of filing of Application: 22.2.2005

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	"HAMMER AND HAMMER HEAD HAVING FRONTAL EXTRACTOR"
(51)	International classification	:	B66F 15/00
(31)	Priority Document No	:	
(32)	Priority Date	:	
(33)	Name of priority country	:	
(86)	International Application No and Filing Date:	:	NA
(87)	International Publication No	:	NA
(61)	Patent of addition to Application No	:	NA
	Filed on	:	NA
(62)	Divisional to Application No	:	
	Filed on	:	
(71)	Name of Applicant:		STEWART, DAVID W.
	Address of the Applicant:		P.O.Box 383, Briceville, TN 37710, US.
(72)	Name of the Inventor:		STEWART, DAVID W.
	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:		NO

(57) **Abstract:** A hammer (10) and hammer head (12) comprising a striking head (20) with a striking surface (22) thereon that defines a front of the hammer (10), and an interface section including at least one frontal extractor (32). In one embodiment, a plurality of frontal extractors (32,34,36) are provided that are formed by a slot (33,25,37) the interface section including a groove that extends through the frontal extractors(32,34,36). In one embodiment, the slot is sized and/or magnetized to allow a head of a nail to be supported therein so that the nail is cantilevered substantially perpendicular relative to the striking surface. A method of extracting a nail from a surface is also provided.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 494/DELNP/2005 A

(22) Date of filing of Application: 9.2.2005

(43) Publication Date: 14/07/2006

(54) Title of the invention: : “COAXIAL MULTI-ROTOR WIND TURBINE”	
(51) International classification : F03D	(71) Name of Applicant: SELSAM DOUGLAS SPRIGGS
(31) Priority Document No : 09/881511 09/997, 499	Address of the Applicant: 2600 Porter Avenue, Unit B, Fullerton, CA 92833, USA
(32) Priority Date : 14.6.2001 23.11.2001	(72) Name of the Inventor: SELSAM DOUGLAS SPRIGGS
(33) Name of priority country : USA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(86) International Application No and Filing Date: : NA	
(87) International Publication No : NA	
(61) Patent of addition to Application No : NA	
Filed on : NA	
(62) Divisional to Application No : 00092/DELNP/2004	
Filed on : 20.1.2004	

(57) **Abstract:** A series of horizontal axis type rotors is distributed along an elongate torque transmitting driveshaft. In many embodiments, the tower is combined with the driveshaft, projecting upward from its base, supported by cantilevered bearing means, so it is free to rotate about its own axis. The tower/driveshaft is bent downward, until the coaxially attached horizontal axis rotors become sufficiently aligned with the wind to rotate the entire tower/driveshaft. Power is drawn from the rotating shaft at the base. Surface mount, subsurface mount, and marine installations are disclosed, including a sailboat that can sail upwind, and store energy while moored. Vertical axis rotor blades may be attached to the tower, substantially vertical section of the tower/driveshaft and even to the distal section of the tower/driveshaft, should it hang in a sufficiently vertical direction for such blades to contribute towards rotation. Vertical and horizontal axis type rotor blades may be interconnected along the entire length of the tower/driveshaft, serving as structural members, even to the point that a central shaft may be unnecessary. Blade to blade lashing may also be included. Various means, including downwind tails, lifting bodies, buoyant lifting bodies, buoyant rotor blades, and methods of influencing the tilt of the rotors, can help elevate the structure. A conventional tower may support a driveshaft with attached horizontal axis rotors, at an offset angle from the wind direction, to allow fresh wind to each rotor.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA (21) Application No.: 1585/DEL/2004 A

(22) Date of filing of Application: 24.8.2004 (43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	" A PROCESS FOR THE PRODUCTION OF CELLULOSE MOULDED BODIES ACCORDING TO THE AMINE-OXIDE PROCESS"	
(51)	International classification	:	DO1D, FO4C	(71) Name of Applicant: LENZING AKTIENGESELLSCHAFT
(31)	Priority Document No	:	A 1399/95	Address of the Applicant: Werkstrasse 2, A-4860 Lenzing, Austria
(32)	Priority Date	:	18.8.1995	
(33)	Name of priority country	:	AUSTRIA	(72) Name of the Inventor: JOHANN MANNER HEINRICH FIRGO BRUNO MANGENG EDUARD MULLEDER WOLFRAM KALT
(86)	International Application No and Filing Date:	:	NA	
(87)	International Publication No	:	NA	
(61)	Patent of addition to Application No	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	:	NA	
(62)	Divisional to Application No	:	1790/DEL/1996	
	Filed on	:	13.8.1996	

(57) **Abstract:** A process for the production of cellulose moulded bodies according to the amine-oxide process, wherein a cellulose suspension and finally a mouldable solution are produced from an aqueous solution of an amine-oxide by the process as claimed in claim 1 and shredded cellulose, said solution being moulded and passed into a precipitation bath, a spent precipitation bath and cellulose moulded bodies being produced, said spent precipitation bath being purified and regenerated to an aqueous solution of said amine-oxide which is repassed to said amine-oxide process, characterized in that said process is carried out at least partially in the presence of a microbicide agent.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1615/DEL/2004

A

(22) Date of filing of Application: 27.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	"TECHNETIUM-4- FLUOROQUINOLONE METALLIC COMPLEX"
(51)	International classification	:	B22F 3/22
(31)	Priority Document No	:	
(32)	Priority Date	:	
(33)	Name of priority country	:	
(86)	International Application No and Filing Date:	:	NA
(87)	International Publication No	:	NA
(61)	Patent of addition to Application No	:	NA
	Filed on	:	NA
(62)	Divisional to Application No	:	
	Filed on	:	
(71)	Name of Applicant:		THE ADDITIONAL DIRECTOR (IPR) DEFENC RESEARCH & DEVELOPMENT ORGNISATION MINISTRY OF DEFENCE Address of the Applicant: B-341, Sena Bhawan, DHQ P.O. New Delhi-110011
(72)	Name of the Inventor:		AJAY KUMAR SINGH THAKURI SINGH ASSEM BHATNAGAR RAVI KASHYAP THALAKKOTTUR LAZAR MATHEW Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO

(57) Abstract: The invention relates to technetium -4- fluoroquinolone metallic complex used in the detection and localization of infectious lesion.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1641/DEL/2004

A

(22) Date of filing of Application: 31.8.2004

(43) Publication Date: 14/07/2006

(54) Title of the invention: : “ PROGRAMMING INTERFACE FOR A COMPUTER PLATFORM”	
(51) International classification : GO6F 15/16	(71) Name of Applicant: MICROSOFT CORPORATION
(31) Priority Document No : 10/693854	Address of the Applicant: One Microsoft Way, Redmond, Washington 98052, United States of America
(32) Priority Date : 24.10.2003	(72) Name of the Inventor: JEFFREY L. BOGDAN ROBERT A RELYEA
(33) Name of priority country : USA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(86) International Application No and Filing Date: : NA	
(87) International Publication No : NA	
(61) Patent of addition to Application No : NA	
Filed on : NA	
(62) Divisional to Application No :	
Filed on :	

(57) **Abstract:** A programming interface provides functions for generating applications, documents, media presentations and other content. These functions allow developers to obtain services from an operating system, object model service, or other system or service.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1640/DEL/2004

A

(22) Date of filing of Application: 31.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ ANGLE DETECTING SENSOR AND VEHICULAR CONTROLLING SYTEM USING THE SAME”	
(51)	International classification	:	G01B 7/30	(71) Name of Applicant: WEN-WEI SU
(31)	Priority Document No	:	10/694, 863	Address of the Applicant: 69, Shinfeng Tsuen, Chiunglin Shiang, Hsinch City, Taiwan, Republic of China
(32)	Priority Date	:	29.10.2003	
(33)	Name of priority country	:	US	(72) Name of the Inventor: WEN-WEI SU
(86)	International Application No and Filing Date:	:	NA	
(87)	International Publication No	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	
(62)	Divisional to Application No	:		
	Filed on	:		

(57) **Abstract:** A sensor for detecting the turning angle of rotation shaft is separated a certain distance away from the shaft. The sensor comprises a light source for emitting light beams to a graduated color means mounted on the shaft and a light reader for reading the corresponding reflected light beams back from the graduated color means. The graduated color means is a longitudinal sheet of film and attached onto the surface of the shaft in its circumference direction thereby rotating with the shaft synchronously. A serial of color points are formed on the graduated color means along its longitudinal direction. The color points are arranged so as to the reflectivity thereof vary according to the requirements of the sensor.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1633/DEL/2004

A

(22) Date of filing of Application: 30.8.2004

(43) Publication Date: 14/07/2006

(54) Title of the invention: : " A TAMPERPROOF RETRACTABLE SYRINGE"	
(51) International classification : A61M 5/00	(71) Name of Applicant: THOMAS JEFFERSON SHAW
(31) Priority Document No : 08/438, 954 08/537, 242	Address of the Applicant: 1510 Hillcrest little Elm, Texas 75068, United States of America
(32) Priority Date : 11.5.1995 29.9.1995	(72) Name of the Inventor: THOMAS JEFFERSON SHAW
(33) Name of priority country : USA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(86) International Application No and Filing Date: : NA	
(87) International Publication No : NA	
(61) Patent of addition to Application No : NA	
Filed on : NA	
(62) Divisional to Application No : 983/DEL/1996	
Filed on : 10.5.1996	

(57) **Abstract:** A tamperproof retractable non-reusable syringe has a one piece hollow outer body with barrel for a slidable plunger, a transition zone and a smaller diameter nose portion. An elongated needle holder and spring combination is installable from the rear of the outer body, guided into the nose portion and held by cooperating inwardly and outwardly facing surfaces oriented in the direction of retraction at the most constricted part of the transition zone where the nose begins. The plunger has an opening with a dislodgable stopper for receiving parts of the retraction mechanism. The stopper and the head of the needle holder are of significantly reduced diameter from the injection fluid chamber to resist blowing out prematurely. In one embodiment the head of the needle holder is surrounded by a separable retainer member which is slidingly removed by contact with the tip of the plunger after the stopper is mostly or fully removed to avoid cumulation of force required for retraction after the injection. In a second embodiment the head of the needle holder is clamped and held by constricting forces imposed by stress on the outer body induced by interference fit. Release occurs by slight expansion on the barrel by contact of the plunger tip with a small internal ramp in the outer barrel. Both embodiments have a plunger cap configured to enter an opening in the outer body to provide an additional tamperproof feature.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 1626/DEL/2004 A

(22) Date of filing of Application: 27.8.2004

(43) Publication Date: 14/07/2006

(54)	Title of the invention:	:	“ SYSTEM AND METHOD FOR RESIZING TILES ON A COMPUTER DISPLAY”	
(51)	International classification	:	GO6F 15/80	(71) Name of Applicant: MICROSOFT CORPORATION
(31)	Priority Document No	:	10/658, 786	Address of the Applicant: One Microsoft Way, Redmond, Washington 98052, United States of America
(32)	Priority Date	:	9.9.2003	
(33)	Name of priority country	:	USA	(72) Name of the Inventor: DAVID A. MATTHEWS FABRICE A. DEBRY JUSTIN MANN ANDREW S. CRANE CHARLES CUMMINS JUDSON CRAIG HALLY MARK R. LIGAMERI
(86)	International Application No and Filing Date:	:	NA	
(87)	International Publication No	:	NA	
(61)	Patent of addition to Application No	:	NA	
	Filed on	:	NA	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(62)	Divisional to Application No	:		
	Filed on	:		

(57) **Abstract:** A system and method for resizing tiles on a computer display is provided. The tiles are automatically sized until a user takes control after which the user may manually size the tiles. Size limits may be set for the tiles. If an attempt is made to automatically resize a tile above a specified limit, then a notification may be sent to the user requesting approval for the new tile size. If the user does not approve the new size, then the tile will be placed in a manual sizing mode in which further automatic resizing is limited. If the user approves the new size, then further automatic resizing may occur without requesting further approval. The tiles are prevented from being automatically resized too frequently, which could be distracting or annoying to a user.

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 00138/CAL/1995	A
(22) Date of filing of Application: 13/02/1995	(43) Publication Date: 14/07/2006	

(54) Title of the invention: CONTROLLED RELEASE OXYBUTYNYNION FORMULATIONS

<p>(51) International classification : A61K9/20; A61K9/22</p> <p>(31) Priority Document No : 08/206,416</p> <p>(32) Priority Date : 04/03/1994</p> <p>(33) Name of priority country : US</p> <p>(86) International Application No and Filing Date :</p> <p>(87) International Publication No :</p> <p>(61) Patent of addition to Application No : <i>NIL</i></p> <p>Filed on : N.A.</p> <p>(62) Divisional to Application No : <i>NIL</i></p> <p>Filed on : N.A.</p>	<p>(71) Name of Applicant: EDWARD MENDELL CO INC</p> <p>Address of the Applicant: 2981 ROUTE 22 PATTERSON NEW YORK 12563 USA</p> <p>(72) Name of the Inventor: 1. ANAND R BAICHWAL</p> <p>Filed U/S 5(2) before The Patents (Amendment) Act, 2005: YES</p>
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(57) Abstract:

A solid oral sustained release oxybutynin formulation includes a sustained release matrix including a gelling agent, an inert pharmaceutical diluent, and a cationic cross-linking agent.

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 23/02/1995****(21) Application No.: 00184/CAL/1995****A****(43) Publication Date: 14/07/2006**

(54) Title of the invention: ORALLY ADMINISTERABLE PHARMACEUTICAL FORMULATIONS**(51) International classification : A61K 9/20, 31/445****(31) Priority Document No : 08/204,915****(32) Priority Date : 02/03/1994****(33) Name of priority country : USA****(86) International Application No and : NA****Filing Date :****(87) International Publication No : NA****(61) Patent of addition to Application No :***NA***Filed on : NA****(62) Divisional to Application No :***NA***Filed on : NA****(71) Name of Applicant:**

ELI LILLY AND COMPANY.,

Address of the Applicant:LILLY CORPORATE CENTER, CITY OF
INDIANAPOLIS, STATE OF INDIANA, USA.**(72) Name of Inventor:**

LOWELL LEE GIBSON

KERRY JOHN HARTAUER

JULIAN LARRY STOWERS

STEPHANIE ANN SWEETANA

ARVIND LAVJI THAKKAR

**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: YES****(57) Abstract: This invention provides orally administerable pharmaceutical formulations comprising raloxifene, its ethers or esters, or a pharmaceutically-acceptable salt thereof, in combination with a hydrophilic carrier composition.**

(FIG.nil).

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 16/04/2001****(21) Application No.: 00218/CAL/2001****A****(43) Publication Date: 14/07/2006**

(54) Title of the invention: GENES FROM A GENE CLUSTER**(51) International classification : C12N 15/31,1/15****(31) Priority Document No : 2001-116591****(32) Priority Date : 18/04/2000****(33) Name of priority country : JP****(86) International Application No and Filing Date :****(87) International Publication No :****(61) Patent of addition to Application No :*****NIL*****Filed on : N.A.****(62) Divisional to Application No :*****NIL*****Filed on : N.A.****(71) Name of Applicant:****SANKYO COMPANY LIMITED****Address of the Applicant:****5-1 NIHONBASHI HONCHO 3-CHOMECHUO-KU TOKYO JAPAN****(72) Name of the Inventor:****1. ABE YUKI****2. ONO CHIHO****3. YOSHIKAWA HIROJI****Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO**

(57) Abstract:

ML-236B is an inhibitor of HMG-CoA reductase and useful in preparing another such inhibitor , pravastatin.. The preparation of ML-236B using an ML-236B-producing microorganism is enhanced using a polynucleotide encoding a gene related to the polyketide syntheses cluster occurring in such a microorganism.

(FIG. - nil)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 03/10/2001**

(21) **Application No.: 00564/CAL/2001**

A

(43) **Publication Date: 14/07/2006**

(54) **Title of the invention: SCROLL MACHINE WITH CONTINUOUS CAPACITY MODULATION**

(51) **International classification** : **F04C**
29/10,18/02,F24F
11/00

(31) **Priority Document No** : **09/686,561**

(32) **Priority Date** : **11/10/2000**

(33) **Name of priority country** : **US**

(86) **International Application No and** :
Filing Date :

(87) **International Publication No** :

(61) **Patent of addition to Application No** :

NIL

Filed on : **N.A.**

(62) **Divisional to Application No** :

NIL

Filed on : **N.A.**

(71) **Name of Applicant:**
COPELAND CORPORATION

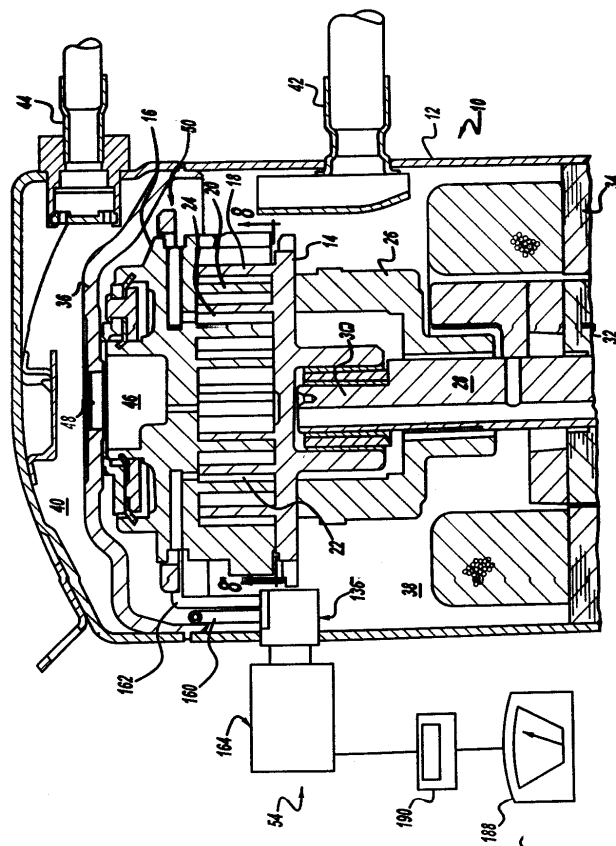
Address of the Applicant:
1675 W CAMPBELL ROAD SIDNEY OHIO
45365-0669 USA

(72) **Name of the Inventor:**
PHAM HUNG MANH

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

An air conditioning system comprising : a scroll compressor including two scroll members having intermeshing wraps, said compressor being selectively operable between a minimum capacity and a high capacity, said minimum capacity being smaller than said high capacity and greater than zero capacity; and a controller in communication with said compressor, said controller being operable to cycle said compressor between said minimum capacity and said high capacity in response to an external utility load-shedding control signal.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00679/CAL/2001

A

(22) Date of filing of Application: 10/12/2001

(43) Publication Date: 14/07/2006

(54) Title of the invention: AN INTERNAL COMBUSTION ENGINE WITH TIMING GEAR COVER FOR INTEGRAL COOLANT FLOW PASSAGES

(51) International classification : F02F 00/00

(31) Priority Document No : 09/738,822

(32) Priority Date : 15/12/2000

(33) Name of priority country : US

(86) International Application No and Filing Date :

(87) International Publication No :

(61) Patent of addition to Application No :

NIL

Filed on : N.A.

(62) Divisional to Application No :

NIL

Filed on : N.A.

(71) Name of Applicant:
DEERE & COMPANY

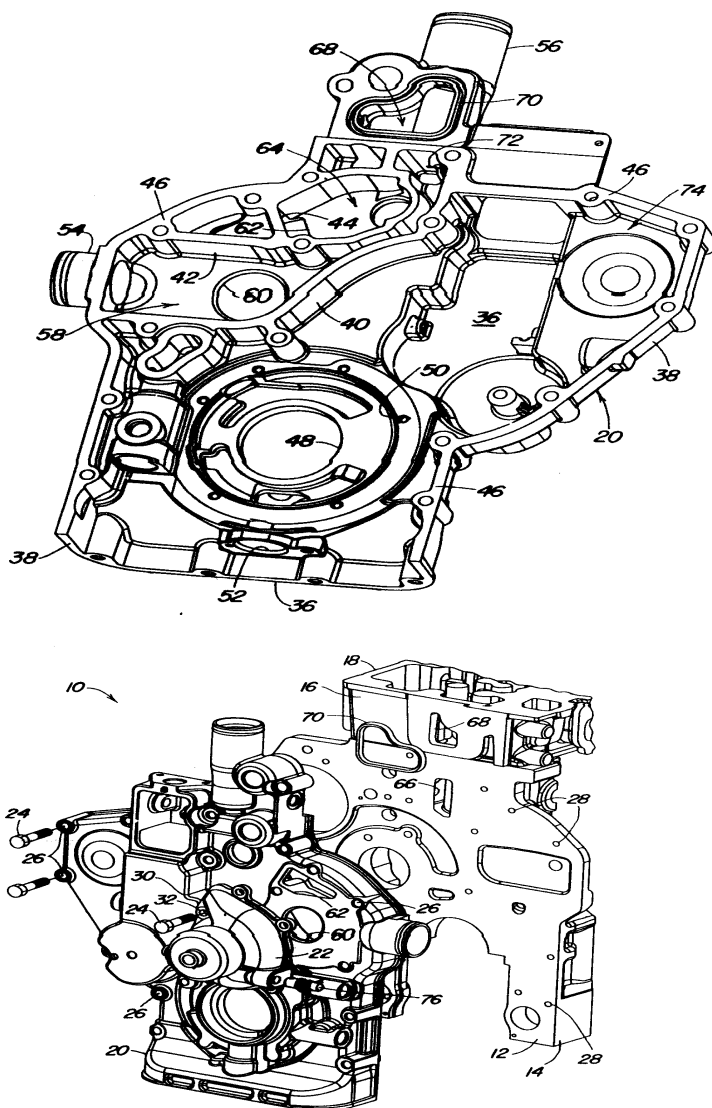
Address of the Applicant:
MOLINE ILLINOIS 61265 USA

(72) Name of the Inventor:
SAMEUL AARON MCCLURE

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

An engine having a timing gear cover (20) with integrally formed coolant inlet and discharge fittings (54, 56) for connection to a radiator. The cover forms a water pump Inlet chamber (58) and a water pump outlet chamber (64) defined by the walls (42, 38, 36) of the cover and the front face (12) of the engine block. The lower pressure water pump Inlet chamber (58) separates the higher pressure water pump outlet chamber (64) from a timing gear chamber (74) to prevent coolant leakage from the water pump Inlet chamber into the timing gear chamber where the lubricating oil will be contaminated. The water pump housing also includes a drain fitting (76) for draining coolant from the engine.



(FIG. - 1,2)

A

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(21) **Application No.: 00405/CAL/2002**

A

(22) **Date of filing of Application: 09/07/2002**

(43) **Publication Date: 14/07/2006**

(54) **Title of the invention: METHOD FOR PREPARING REFRACTORY CARBIDES**

<p>(51) International classification : C01B 31/00,C04B 35/571,35/573</p> <p>(31) Priority Document No : 09/906,198</p> <p>(32) Priority Date : 16/07/2001</p> <p>(33) Name of priority country : US</p> <p>(86) International Application No and Filing Date :</p> <p>(87) International Publication No : WO</p> <p>(61) Patent of addition to Application No : <i>NIL</i></p> <p>Filed on : N.A.</p> <p>(62) Divisional to Application No : <i>NIL</i></p> <p>Filed on : N.A.</p>	<p>(71) Name of Applicant: UNITED TECHNOLOGIES CORPORATION</p> <p>Address of the Applicant: UNITED TECHNOLOGIES BUILDING HARTFORD CONNECTICUT 06101 USA</p> <p>(72) Name of the Inventor: 1. SCHMIDT WAYDE R 2. GIEDT DONALD C</p> <p>Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO</p>
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(57) Abstract:

A method for preparing a refractory carbide component includes the steps of providing a carbon rich polymer precursor to silicon carbide and excess carbon, determining an amount of excess carbon in the carbon rich polymer precursor, combining the carbon rich polymer precursor with a selected amount of refractory metal to form precursor/metal mixture, the selected amount being selected so as to provide stoichiometrically equivalent amounts of the excess carbon and the refractory metal, forming the mixture into a preform of a propulsion component, and heating the preform so as to thermally degrade the carbon rich polymer precursor to produce the silicon carbide and the excess carbon, the excess carbon and the refractory metal reacting to form refractory metal carbide and provide the refractory carbide component.

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 00480/CAL/2002	A
(22) Date of filing of Application: 09/08/2002	(43) Publication Date: 14/07/2006	

(54) **Title of the invention: A NEW RAPID UREASE TEST KIT**

<p>(51) International classification : A61K 49/12</p> <p>(31) Priority Document No :</p> <p>(32) Priority Date :</p> <p>(33) Name of priority country :</p> <p>(86) International Application No and Filing Date :</p> <p>(87) International Publication No :</p> <p>(61) Patent of addition to Application No : NIL</p> <p>Filed on : N.A.</p> <p>(62) Divisional to Application No : NIL</p> <p>Filed on : N.A.</p>	<p>(71) Name of Applicant: SREEMOYEE DAS & PAPRI DAS & SATADAL DAS</p> <p>Address of the Applicant: 76 SATYEN ROY ROAD KOL-700 034 WEST BENGAL INDIA</p> <p>(72) Name of the Inventor: <ol style="list-style-type: none"> 1. SREEMYEE DAS 2. PAPRI DAS 3. SATADAL DAS </p> <p>Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO</p>
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(57) Abstract:

Rapid urease test is the method of choice for diagnosis of Helicobacter pylori which is the causative agent of gastric ulcers and many other stomach related problems. Although many rapid urease tests are there but none of them is stable at room temperature and there is no good control agent to be used along with these tests so far. This new rapid urease test consisting of urea, potassium dihydrogen phosphate and phenol red in dry filter paper strips is stable at room temperature. Jack bean meal is found to be an ideal control agent to be used along with rapid urease tests.

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 01/01/2004

(21) Application No.: 00001/KOL/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: MEDICAL DEVICE WITH TRACK AND METHOD OF USE

(51) International classification : A61B 1/01, A61M 25/01

(31) Priority Document No : 210/406,020

(32) Priority Date : 03/04/2003

(33) Name of priority country : USA

(86) International Application No and Filing Date :

(87) International Publication No : WO

(61) Patent of addition to Application No :

NIL

Filed on : N.A.

(62) Divisional to Application No :

NIL

Filed on : N.A.

(71) Name of Applicant:
ETHICON ENDO-SURGERY INC

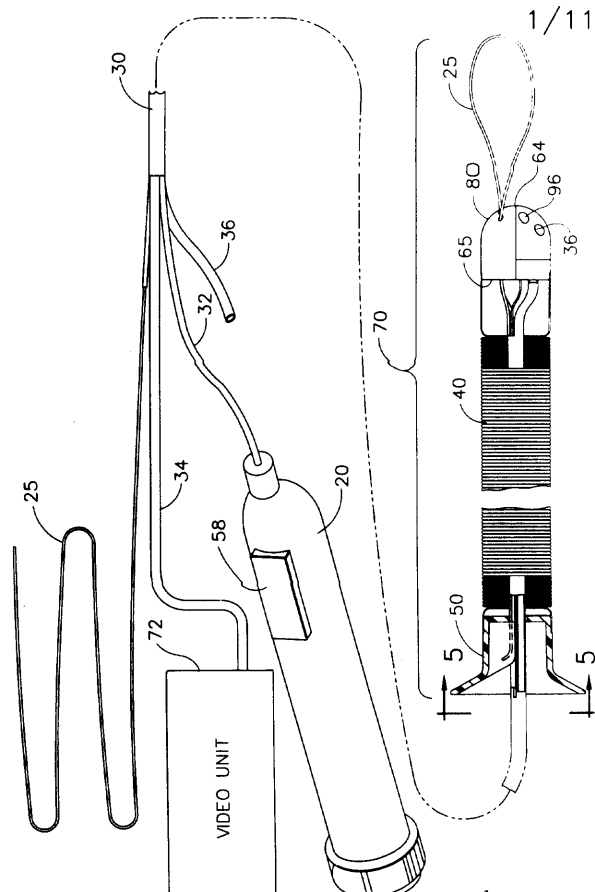
Address of the Applicant:
CREEK ROAD CINCINNATI OHIO 45242 USA

(72) Name of the Inventor:
GARY L LONG

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A medical device for performing medical procedures inside a lumen (such as the GI tract) of a patient is provided. The device includes an elongate flexible member which can be advanced along a track. The track can include a loop portion which can be advanced ahead of the elongate flexible member. The distal end of the flexible member can include a camera, light source, vacuum opening, and a working channel for receiving medical instrument.



(FIG. - 1)

A

Filed on : **N.A.**

13149

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 00446/KOL/2004	A
(22) Date of filing of Application: 28/07/2004	(43) Publication Date: 14/07/2006	

(54) Title of the invention: A TRANSFORMED HOST CELL

<p>(51) International classification : C12N 15/53,15/55,C12P 7/20,C12N 1/15,1/19,1/71,9/04, 9/16</p> <p>(31) Priority Document No : 60/030602</p> <p>(32) Priority Date : 13/11/1996</p> <p>(33) Name of priority country : USA</p> <p>(86) International Application No and Filing Date :</p> <p>(87) International Publication No :</p> <p>(61) Patent of addition to Application No : NIL</p> <p>Filed on : N.A.</p> <p>(62) Divisional to Application No : 2136/CAL/1997</p> <p>Filed on : 12/11/1997</p>	<p>(71) Name of Applicant: E.I. DU PONT DE NEMOURS AND COMPANY & GENENCOR INTERNATIONAL INC</p> <p>Address of the Applicant: STATE OF DELWARE USA & 4 CAMBRIDGE PLACE 1870 WINTON ROAD ROCHESTER NEW YORK 14618 USA</p> <p>(72) Name of the Inventor: 1. BEN A BULTHUIS 2. ANTHONY SUTHUR GATENBY 3. SHARON LORETTA HAYNIE 4. AMY KUANG-HUA HSU 5. RICHARD D LA REAU</p> <p>Filed U/S 5(2) before The Patents (Amendment) Act, 2005: YES</p>
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(57) Abstract:

A transformed host cell comprising a gene encoding a glycerol-3-phosphate dehydrogenase activity.
(FIG. - Nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00522/KOL/2004

A

(22) Date of filing of Application: 30/08/2004

(43) Publication Date: 14/07/2006

(54) Title of the invention: AN APPARATUS FOR REMOVING WATER SOLUBLE POLLUTANTS LIKE OXIDES OF CARBON NITROGEN AND SULPHUR AND SUSPENDED PARTICULATE MATTER OF SIZE DOWN TO A RANGE OF LOOK 150 U FROM EFFECTIVE GASES

(51) International classification : B01D 53/00

(31) Priority Document No :

(32) Priority Date :

(33) Name of priority country :

(86) International Application No and :

Filing Date :

(87) International Publication No :

(61) Patent of addition to Application No :

NIL

Filed on : N.A.

(62) Divisional to Application No :

NIL

Filed on : N.A.

(71) Name of Applicant:

JADAVPUR UNIVERSITY

Address of the Applicant:

INDUATRY INSTITUTE PARTNERSHIP CELL

P.O. JADAVOUR UNIVERSITY KOL-700 032

WEST BENGAL INDIA

(72) Name of the Inventor:

1. SHAYAMAL SANYAL

2. SIDDARTHA DATTA

3. PRASANTA DATTA

4. ARABINDA GHOSH

5. SUJIT GHOSAL

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

Devices for removal of solid and gaseous pollutants have been in use but almost all of them were costly and energy intensive, often requiring considerable space

The present invention relates to an apparatus for removing pollutants from effluent gases, which comprises in combination-

(a) a tank (1) having at least one inlet and one outlet piping systems and filled with water upto a predetermined level (2);

(b) a short piece with flange (5) in one of the side walls of the tank connected to the suction side of an I.D. fan;

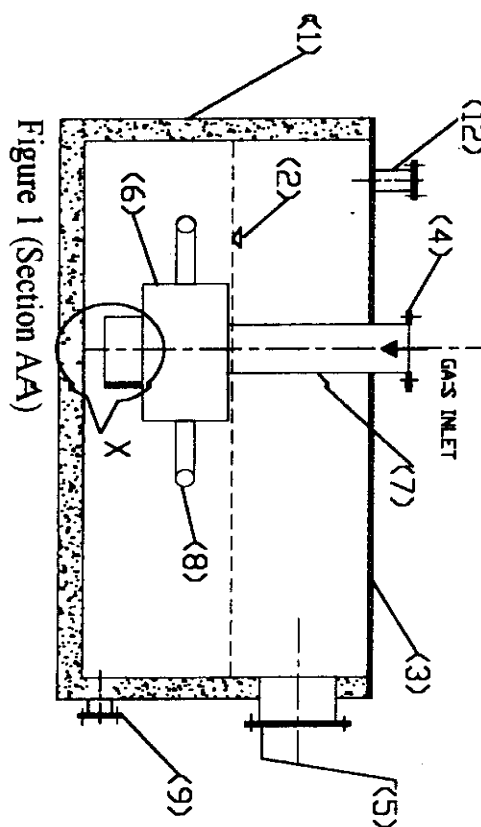
(c) gas settling-cum-distribution unit and main bubbler ring comprising

(i) a vertical down comer pipe (7) leading from the inlet connection flange (4) down almost to the bottom of tank;

(ii) a settler (6) open at the bottom to which the down comer pipe is connected

(iii) a plurality of connecting arms (ii) branching out in the horizontal plane from the said settler (6) and

(iv) ring main (8) for allowing the gas to bubbler out through the holes (13) drilled therein.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 06/10/2004

(21) Application No.: 00633/KOL/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: A PROCESS FOR PREPARING TEXTILE ARTICLES SELECTED FROM COTTON SILK AND WOOL ARTICLES DYED BY COLOURING MATERIALS ISOLATED FROM FLOWERS

(51) International classification	: C09B 69/00	(71) Name of Applicant:	SIDDHARTHA DATTA
(31) Priority Document No	:		
(32) Priority Date	:		
(33) Name of priority country	:	Address of the Applicant:	
(86) International Application No and Filing Date	:	DEPARTMENT FO CHEMCIAL	
(87) International Publication No	:	ENGINEERING JADAVPUR UNIVERSITY.O	
(61) Patent of addition to Application No	:	JADAVPUR UNIVERSITY KOL-700 032 WEST	
	NIL	BENGAL INDIA	
Filed on	: N.A.	(72) Name of the Inventor:	SIDDAHARTHA DATTA
(62) Divisional to Application No	:		
	NIL		
Filed on	: N.A.		
		Filed U/S 5(2) before The Patents (Amendment)	
		Act, 2005: NO	

(57) Abstract:

In the conventional mode of dyeing textile materials, chemical dyes are being used some of which cause environmental pollution, apart from having adverse physiological actions, which has led to search for safe colouring materials from natural objects like flowers.

The present invention provides a process for preparing textile articles dyed by colouring materials isolated from flowers which comprises-

- simmering shredded flowers in water for 1.5 to 2 hours at a temperature between 70°C and 85°C under occasional agitation, followed by decantation or straining of the supernatant coloured liquid.
- Soaking textile material in the coloured extract in presence of at least one mordanting chemical selected from alum, chrome alum, K₂Cr₂O₇, K₂Cr₂O₄, NaCl, MgSO₄, SnCl₂ and CuSO₄ present in an amount of around 100-200 gms per 5 litres of extract for a period of 1 to 1.5 hours;
- Removing gummy materials, if any, and washing the textile material in water,
- Drying the coloured textile article and pressing, if needed, to remove wrinkles. Pre-mordanting and simultaneous mordanting are also within the scope of this invention using flowers like Marigold, Aparajita, Palash, Sheuli, Bougainvillea, China Rose, Alkanet and Kolaboti as colour source.

(FIG. - nil)

(54) Title of the invention: A PROCESS FOR PREPARING STORAGE-STABLE LOW FAT AND LOW CHOLESTEROL GOAT MEAT

(51) International classification : A23B 4/00

(31) Priority Document No :

(32) Priority Date :

(33) Name of priority country :

(86) International Application No and :

Filing Date :

(87) International Publication No :

(61) Patent of addition to Application No :

NIL

Filed on : N.A.

(62) Divisional to Application No :

NIL

Filed on : N.A.

(71) Name of Applicant:

UTPAL RAYCHAUDHURI, RUNU

CHAKRABORTY & BANANI

RAYCHOWDHURY

Address of the Applicant:

DEPARTMENT OF FOOD TECHNOLOGY AND

BIOCHEMICAL ENGINEERING JADAVPUR

UNIVERSITY KOL-700 032 WEST BENGAL

INDIA

(72) Name of the Inventor:

1. UTPAL RAYCHAUDHURI

2. RUNU CHAKRABORTY

3. BANANI RAYCHOWDHURI

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: YES

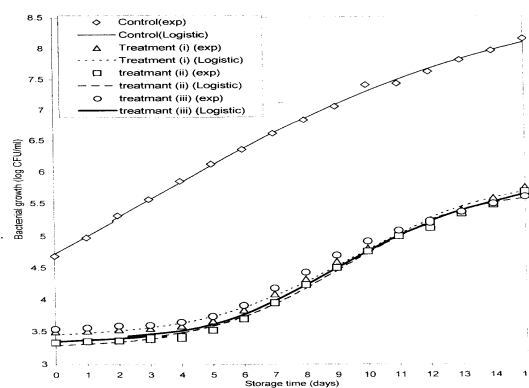


Fig. 1 Modeling of aerobic bacterial growth in refrigerated goat meat by Logistic model

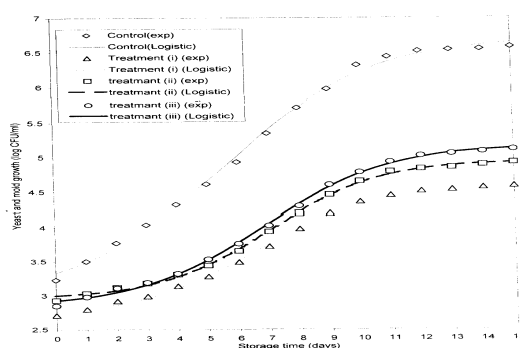


Fig. 2 Modeling of yeast and mold growth in refrigerated goat meat by Logistic model

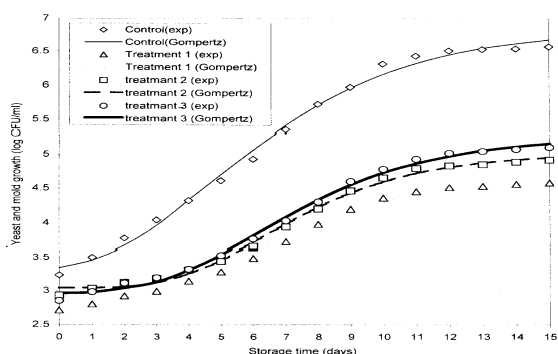


Fig. 4 Modeling of yeast and mold growth in refrigerated goat meat by Gompertz model

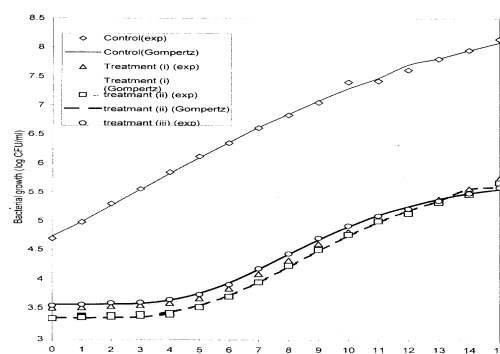


Fig. 3 Modeling of aerobic bacterial growth in refrigerated goat meat by Gompertz model

(57) **Abstract:** Growing apathy towards “red meat” for their fat and cholesterol contents prompted researchers to find effective solutions to produce “safe meat” with reduced levels of fat and cholesterol. Invariably the treatment procedures resulted in low fat, low cholesterol meat, but affecting aroma, taste and mouth-feeling.

This invention aims at overcoming the above drawbacks by providing a process for preparing storage-stable, low fat and low cholesterol goat meat (Black Bengal variety), which comprises

- i) mincing or forming small pieces of raw meat and washing the minced / pieced meat with hot distilled water;
- ii) immersing the washed meat into a 1-3% solution of mixed culture of 1:1 – 1:3 (v/v) of mixed lactic acid bacteria (LAB) along with one or more chemicals and/or additives selected from acetic acid, glucose, NaCl, citric acid, ascorbic acid, Hibiscus protocatechuic acid, NaNO_2 , NaNO_3 , sucrose, pepsin and the like proteolytic enzyme(s), lipase, garlic and one or more species selected from clove, coriander, black pepper, cumin, cardamom, small elachi, tea liquor and honey;
- (iv) cooling the treated meat from step (ii) and maintaining the same at ambient temperature;
- (v) preserving the treated meat by refrigeration in food grade polymeric containers.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application 08/12/2004

(21) Application No.: 00803/KOL/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: A MACHINE FOR BACKING CARPET

(51) International classification : B29C
65/02,65/30,B32B
7/04,27/12,31/00

(31) Priority Document No :

(32) Priority Date :

(33) Name of priority country :

(86) International Application No and :

Filing Date :

(87) International Publication No :

(61) Patent of addition to Application No :

NIL

Filed on

: N.A.

(62) Divisional to Application No :

NIL

Filed on

: N.A.

(71) Name of Applicant:
KAMAL KANTI GOSWAMI

Address of the Applicant:

C/O S.N. DUTTA & ASSOCIATES 7B,KIRAN
SHANKAR RAY ROAD,4TH FLOOR,KOL-700
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(72) Name of the Inventor:

1. KAMAL KANTI GOSWAMI

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

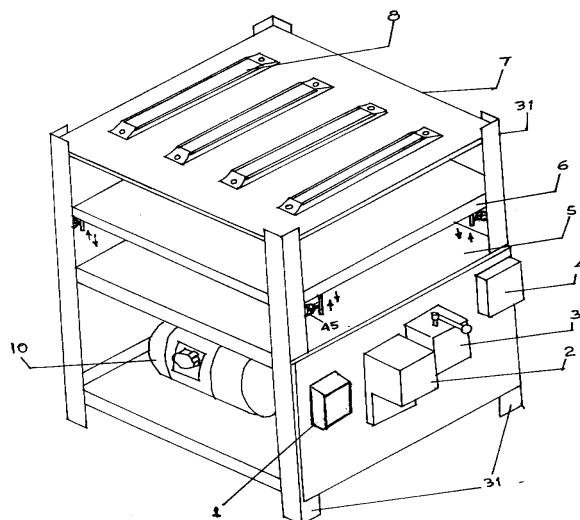
A machine for backing carpet or such thick fabric material comprises:

base plates (5,6,7) heaters (8), an induction motor(10), and a gear box assembly(14) ; wherein the base plate comprises a top plate(7) and a bottom plate (8) which are fixed to the frames(9) and a center plate (8) which is moveable in the vertical direction in between the top

plate and bottom plate;

the heaters(8) are fitted to the top plate(7); and

the said induction motor (10) and said gear box assembly(14) are fitted to the bottom plate(S) to move the center plate in the verticle direction.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 14/12/2004****(21) Application No.: 00814/KOL/2004****A****(43) Publication Date: 14/07/2006****(54) Title of the invention: AN APPARATUS FOR GENERATING ELECTRICITY BY USE OF MASCULAR POWER STORING THE GENERATED ELECTRCITY AND USING THE SAME**

(51) International classification	:	H02P 9/04,B62M 3/02,H02K 7/00	(71) Name of Applicant: JITENDRA VRAJLAL SHAH
(31) Priority Document No	:		Address of the Applicant: 41 SARAT BOSE ROAD KOL-700 020 WEST BENGAL INDIA
(32) Priority Date	:		
(33) Name of priority country	:		
(86) International Application No and Filing Date	:		
(87) International Publication No	:		
(61) Patent of addition to Application No	:	NIL	(72) Name of the Inventor: JITENDRA VRAJLAL SHAH
Filed on	:	N.A.	
(62) Divisional to Application No	:	NIL	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO
Filed on	:	N.A.	

(57) Abstract:

Generation of electricity by both conventional and non-conventional procedures require considerable capital investment, importation of costly raw materials, components and equipments and occupational and environmental hazards, not to speak of the costly maintenance and post-installation repairs.

The object of this invention is to provide a simple, yet effective apparatus which is within reach of common people, does not require costly and sophisticated machinery or equipments for its fabrication, nor is dependent on imported raw material(s).

This object is achieved by the present invention which relates to an apparatus for generating electricity by use of muscle power1 storing the generated electricity and using the same, which comprises

(i) a plurality of rotatable wheels (i) moved by muscle power and equipped with bush (6), bearing (7) and gear arrangements (2, 3);

(ii) copper coil plate fitted with gear box (4);

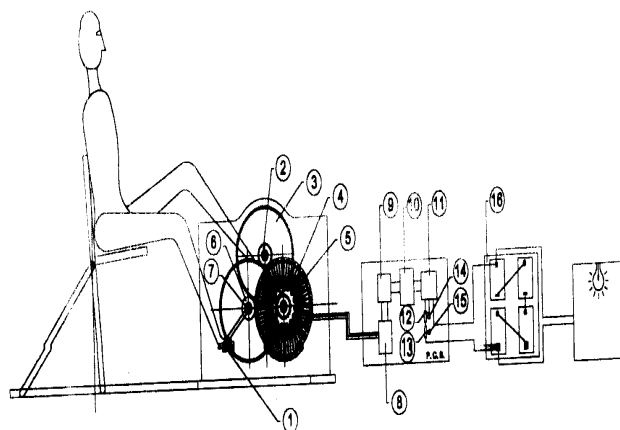
(iii) magnet plate (5)

(iv) rectifier (8) and filter (9)

(v) adjustable voltage (10) and current controllers (11) equipped with shut (12) and fuse (13);

(vi) battery bank (16) for storing the generated electricity, and

(vii) means for utilizing the stored energy as per the need of the consumer.

**(FIG. - 1)**

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: IN/PCT/2000/00193	A
(22) Date of filing of Application: 04/08/2000	(43) Publication Date: 14/07/2006	

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS

<p>(51) International classification : A61K 9/00,47/12,31/52</p> <p>(31) Priority Document No : 9802472.2</p> <p>(32) Priority Date : 06/02/1998</p> <p>(33) Name of priority country : GB</p> <p>(86) International Application No and Filing Date : PCT/EP99/00663 : 04/02/1999</p> <p>(87) International Publication No : WO 99/39691 A2</p> <p>(61) Patent of addition to Application No : NIL</p> <p>Filed on : N.A.</p> <p>(62) Divisional to Application No : NIL</p> <p>Filed on : N.A.</p>	<p>(71) Name of Applicant: GLAXO GROUP LIMITED</p> <p>Address of the Applicant: GLAXO WELLCOME HOUSE BERKELEY AVENUE GREENFORD MIDDLESEX UB6 0NN UK</p> <p>(72) Name of the Inventor: BROOKS NIKKI THOENNES</p> <p>Filed U/S 5(2) before The Patents (Amendment) Act, 2005: YES</p>
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(57) Abstract:

The present invention relates to pharmaceutical compositions of (1S,4R)-cis-4- [2-amino- 6-cyclopropylamino)- 9H-purin-9- yl]-2-cyclopentene-1-methanol (1592U89).

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: IN/PCT/2000/00539	A
(22) Date of filing of Application: 21/11/2000	(43) Publication Date: 14/07/2006	

(54) Title of the invention: A PROCESS TO REMOVE UNDESIRABLE COMPOUNDS

<p>(51) International classification : C08J 3/02</p> <p>(31) Priority Document No : 09/095,206</p> <p>(32) Priority Date : 10/06/1998</p> <p>(33) Name of priority country : US</p> <p>(86) International Application No and Filing Date : PCT/US99/10705 : & 14/05/1999</p> <p>(87) International Publication No : WO 99/64497</p> <p>(61) Patent of addition to Application No : NA</p> <p>Filed on : NA</p> <p>(62) Divisional to Application No : NA</p> <p>Filed on : NA</p>	<p>(71) Name of Applicant: PHILLIPS PETROLEUM COMPANY.,</p> <p>Address of the Applicant: 4TH AND KEELER, BARTLESVILLE, OK 74004, USA.</p> <p>(72) Name of Inventor: HOTTOVY JOHN, DOUGLAS</p> <p>Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO</p>
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(57) Abstract: A process to remove undesirable compounds as described herein from fluid stream's in polymerization processes, comprising providing at least one Treating Zone fluid streams and combining at least two of said fluid streams prior to treating the combined stream in said at least one Treating Zone.

(FIG.nil).

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 06/02/2001**

(21) **Application No.: IN/PCT/2001/00151**

A

(43) **Publication Date: 14/07/2006**

(54) **Title of the invention: A METHOD FOR OPERATING AN ELECTRONIC ELECTRIC METER**

(51) **International classification** : **G01R 11/32**
(31) **Priority Document No** : **60/141,779**
(32) **Priority Date** : **30/06/1999**
(33) **Name of priority country** : **US**
(86) **International Application No and Filing Date** : **PCT/US00/18028**
(87) **International Publication No** : **WO 01/01157 A1**
(61) **Patent of addition to Application No** :

NIL

Filed on : **N.A.**

(62) **Divisional to Application No** :

NIL

Filed on : **N.A.**

(71) **Name of Applicant:**
GENERAL ELECTRIC COMPANY

Address of the Applicant:
1 RIVER ROAD SCHENECTADY NEW YORK
12345 USA

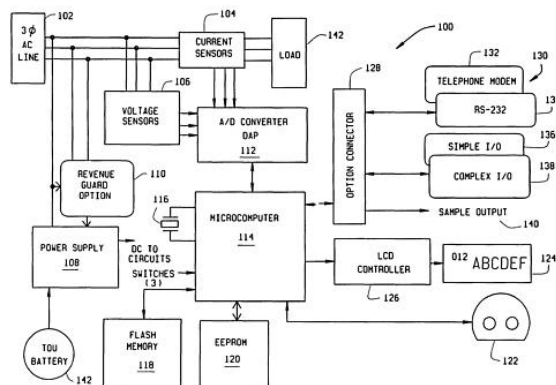
(72) **Name of the Inventor:**

1. **GERMER WARREN**
2. **LAVOIE GREGORY**
3. **LEE JR ROBERT E**
4. **OUELLETTE MAURICE J**
5. **SINGH HARDEV**
6. **THEOPHILUS ANDREW LEWIS**

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The present invention, in one embodiment, is method for operating an electronic electric meter (100) having current (104) and voltage (106) sensors configured to generate measurements of current and voltage, respectively; a microcomputer (114) coupled to the current and voltage sensors and configured to control operation of said meter (100); a flash memory (118) coupled to said microcomputer (114) and configured to store configuration and metering data. The method includes steps of: mapping requests for data to a physical location of the flash memory (118); organizing the flash memory into logical blocks treated as atomic data units (ADU); and separately managing the ADUs



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 25/04/2001****(21) Application No.: IN/PCT/2001/00468****A****(43) Publication Date: 14/07/2006**

(54) Title of the invention: DISCHARGE LAMP FOR DIELECTRICALLY IMPEDED DISCHARGES HAVING AN IMPROVED ELECTRODE CONFIGURATION

(51) International classification	:	H01J 31/067
(31) Priority Document No	:	198 44 721.3
(32) Priority Date	:	29/09/1998
(33) Name of priority country	:	DE
(86) International Application No and Filing Date	:	PCT/DE99/02899 13/0/1999
(87) International Publication No	:	WO 00/19487 A1
(61) Patent of addition to Application No	:	NIL
Filed on	:	N.A.
(62) Divisional to Application No	:	NIL
Filed on	:	N.A.

(71) Name of Applicant:
PATENT –TREUHAND GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH

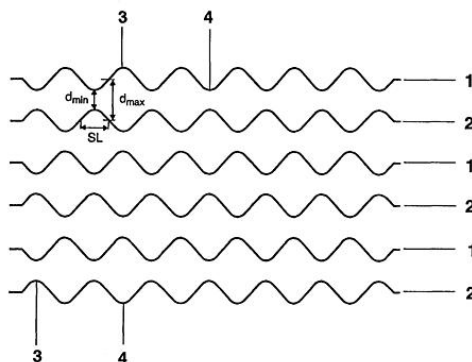
Address of the Applicant:
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(72) Name of the Inventor:
1 VOLLKOMMER FRANK
2 HITZSCHKE LOTHAR
3 JEREBIC SIMON

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The invention relates to a discharge lamp for dielectric impedances, comprising a new meander-shaped electrode configuration. Either the anode(s) or both the anode(s) and cathode(s) are configured meander-like



(FIG. - 1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 04/07/2001**

(21) **Application No.: IN/PCT/2001/00703**

A

(43) **Publication Date: 14/07/2006**

(54) **Title of the invention: APPARATUS AND PROCESS FOR PREPARING CRYSTALLINE PARTICLES**

(51) International classification	:	B01D 9/00,B01J 19/10,A61K 9/14
(31) Priority Document No	:	9828721.2
(32) Priority Date	:	24/12/1998
(33) Name of priority country	:	GB
(86) International Application No and Filing Date	:	PCT/GB99/04368 22/12/1999
(87) International Publication No	:	WO 00/38811 A1
(61) Patent of addition to Application No	:	NIL
Filed on	:	N.A.
(62) Divisional to Application No	:	NIL
Filed on	:	N.A.

(71) **Name of Applicant:**
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Address of the Applicant:
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(72) **Name of the Inventor:**

- 1 LANCASTER ROBERT WILLIAM**
- 2 SINGH HARDEV**
- 3 THEOPHILUS ANDREW LEWIS**

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: YES

(57) Abstract:

There is provided according to the present invention a process for preparing crystalline particles, especially particles of a pharmaceutical or carrier substance suitable for inhalation therapy, in addition to an apparatus for the preparation of such particles.

(FIG. – nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 27/02/2002

(21) Application No.: IN/PCT/2002/00289

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: A COMBINER CYCLE POWER GENERATING SYSTEM AND A PROCESS FOR PRODUCING WATER OF IMPROVED QUALITY

(51) International classification : F01K 27/00,25/06
(31) Priority Document No : 99/5042
(32) Priority Date : 06/08/1999
(33) Name of priority country : ZA
(86) International Application No and Filing Date : PCT/ZA00/00044
(87) International Publication No : WO 01/11199 A1
(61) Patent of addition to Application No :

NIL

Filed on : N.A.

(62) Divisional to Application No :

NIL

Filed on : N.A.

(71) Name of Applicant:
GROBBELAAR CHRISTIAN

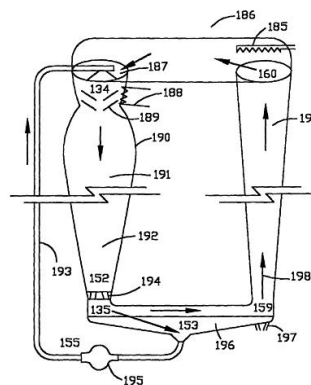
Address of the Applicant:
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PRETORIA 0081 REPUBLIC OF SOUTH
AFRICA

(72) Name of the Inventor:
GROBBELAAR CHRISTIAN

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

Studies of the variation in latent heat of fluids with temperature and the rate of heat increase with compression were applied to thermodynamic cycles represented in columns (190, 193, 199). This showed that heat may be circulated and that power output (194) can be boosted by catalysts. Practical layouts show that the present 45 % efficiency of thermal power stations may be doubled. The invented layouts produce power from reject heat (185, 188) and saves the water required of cooling thermal power stations



(FIG. - 1)

(54) Title of the invention: A SYSTEM FOR REFERENCING A REMOTE MERCHANT SITE AT A LOCAL COMMERCE SITE

(51) International classification : G06F 17/00
 (31) Priority Document No : 09/372,350
 (32) Priority Date : 11/08/1999
 (33) Name of priority country : US
 (86) International Application No and Filing Date : PCT/US00/20206 : 25/07/2000
 (87) International Publication No : WO 01/11485 A2
 (61) Patent of addition to Application No :

NIL

Filed on : N.A.

(62) Divisional to Application No :

NIL

Filed on : N.A.

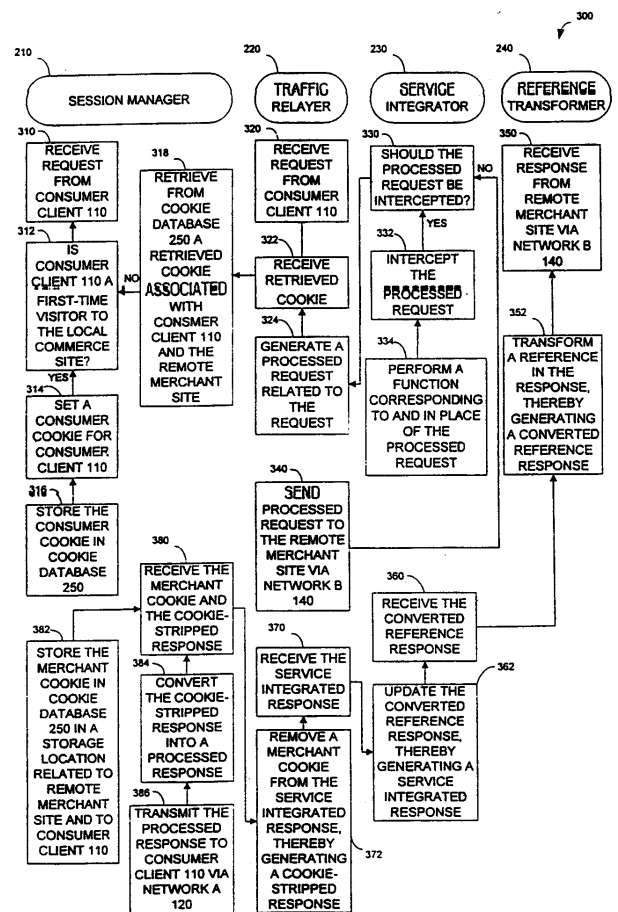
(71) Name of Applicant:
 YAHOO INC
 Address of the Applicant:
 701 FIRST AVENUE SUNNYVALE CA 94089
 USA

(72) Name of the Inventor:
 1. HOANG PHU
 2. LU QI

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

This invention relates to a system for referencing a remote merchant site at a local commerce site, comprising a session managing module configured to session manage a client request from a user client and a cookie stripped merchant response, wherein said session managing module comprises a generating module configured to generate a processed remote merchant integration server (RMIS) response related to a merchant cookie and to said cookie stripped merchant response; a traffic relaying module configured to traffic relay said client request and a content transformed merchant response, wherein said client request, a removing module configured to remove said merchant cookie from said content transformed merchant response, and a generating module configure to generate said cookie stripped merchant response related to said content transformed merchant response; a service integrating module configured to service integrate said processed client request; and a content transforming module configured to content transform a merchant response from said remote merchant site, wherein said content transforming module comprises a generating module configured to generate said content transformed merchant response related to said merchant response.



(FIG. - 3)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 26/04/2002

(21) Application No.: IN/PCT/2002/00525

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: A METHOD OF CLEANING A GAS FROM SOLID OR LIQUID PARTICLES SUSPENDED THEREIN AND HAVING A LARGER DENSITY THAN THE GAS AND AN APPARATUS THEREFOR

(51) International classification : B04B
5/08,5/12,B01D
45/14,F01M 13/04

(31) Priority Document No : 9904116-2

(32) Priority Date : 15/11/1999

(33) Name of priority country : SE

(86) International Application No and Filing Date : PCT/SE00/02120
27/10/2000

(87) International Publication No : WO 01/36103 A1

(61) Patent of addition to Application No :
NIL

Filed on : N.A.

(62) Divisional to Application No :
NIL

Filed on : N.A.

(71) Name of Applicant:
ALFA LAVAL AB

Address of the Applicant:
STHALES VAG S-147-80 TUMBA SWEDEN

(72) Name of the Inventor:

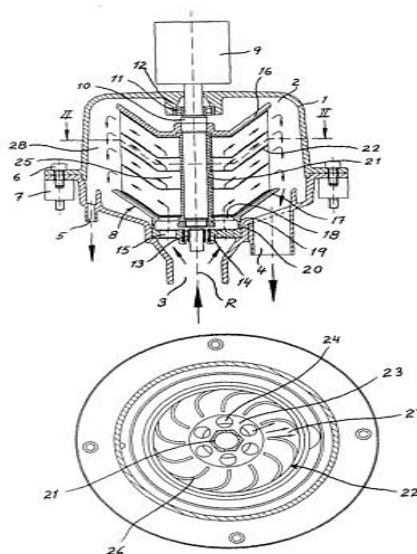
1. MOBERG HANS
2. LAGERSTEDT TORGNY
3. INGECLES
4. CARLSSON CLAESGORAN
5. SZEPESSY STEFAN
6. FRANZEN PETER
7. BORGSTROM LEONARD

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

In connection with cleaning of gas from particles suspended therein and being heavier than the gas the gas is caused to rotate in a chamber (2) delimited in a stationary housing (1), so that the particles by centrifugal force are separated from the gas and are thrown towards a stationary housing. The rotation of the gas is accomplished by means of a rotor (8), which includes a stack of conical separation discs (22) arranged coaxially with each other and concentrically with the rotational axis (R) of the rotor. The gas to be cleaned is caused to flow through interspaces between the separation discs, while they are rotating, the particles by the centrifugal force being brought into contact with the insides of the separation discs. In contact with the insides of the separation discs the particles first move along the generatrices of the separation discs and then move along inclined guiding members (26), which are arranged in contact with said insides. The guiding members (26) collect particles moving across different sectors of the separation discs and conduct them to separate areas distributed around the surrounding edges of the separation discs. From these areas the particles in an agglomerated or coalesced form are thrown away from the separation discs towards the stationary housing (1).

(FIG. - 1,2,)



(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 26/04/2002****(21) Application No.: IN/PCT/2002/00535****A****(43) Publication Date: 14/07/2006**

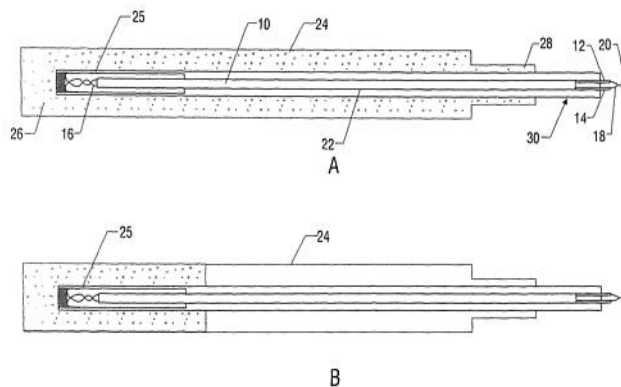
(54) Title of the invention: AN APPARATUS COMPRISING A THERMOCOUPLE FOR MEASURING THE TEMPERATURE

(51) International classification	:	G01K 1/10
(31) Priority Document No	:	60/159,346
(32) Priority Date	:	13/10/1999
(33) Name of priority country	:	US
(86) International Application No and Filing Date	:	PCT/US00/26181 22/09/2000
(87) International Publication No	:	WO 01/27579 A1
(61) Patent of addition to Application No	:	NIL
Filed on	:	N.A.
(62) Divisional to Application No	:	NIL
Filed on	:	N.A.

(71) Name of Applicant:
TEXACO DEVELOPMENT CORPORATION**Address of the Applicant:**
2000 WESTCHESTER AVENUE WHITE
PLAINS NY 10650 USA**(72) Name of the Inventor:**
GREEN STEVEN R
SANTOS KENT W**Filed U/S 5(2) before The Patents (Amendment)**
Act, 2005: NO

(57) Abstract:

An improved apparatus including a thermocouple for measuring the temperature in a gasification process is provided. The improvement includes a sapphire reinforced outer protection tube for enclosing at least a portion of the thermocouple. The sapphire reinforced outer protection tube may be integrally formed around an inner protection tube, the inner protection tube being receptive of a sapphire-sheathed thermocouple. The apparatus may be inserted directly into a gasification stream without the use of a thermowell. The sapphire reinforced outer protection tube increases the life of the thermocouples used in gasification processes



(FIG. - 1,2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 20/05/2004

(21) Application No.: 00665/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: METHOD FOR CONTROLLING A SAFETY CRITICAL CORRECT SPELLING PROCESS AND DEVICE FOR CARRYING OUT SAID METHOD

(51) International classification : B61L 21/00,G06F 11/16

(31) Priority Document No :

(32) Priority Date :

(33) Name of priority country :

(86) International Application No and Filing Date : PCT/DE01/04485 22/11/2001

(87) International Publication No : WO 03/047937 A1

(61) Patent of addition to Application No :

NIL

Filed on : N.A.

(62) Divisional to Application No :

NIL

Filed on : N.A.

(71) Name of Applicant:
SIEMENS AKTIENGESELLSCHAFT

Address of the Applicant:
WITTELSBACHERPLATZ 2, 80333
MUNCHEN GERMANY

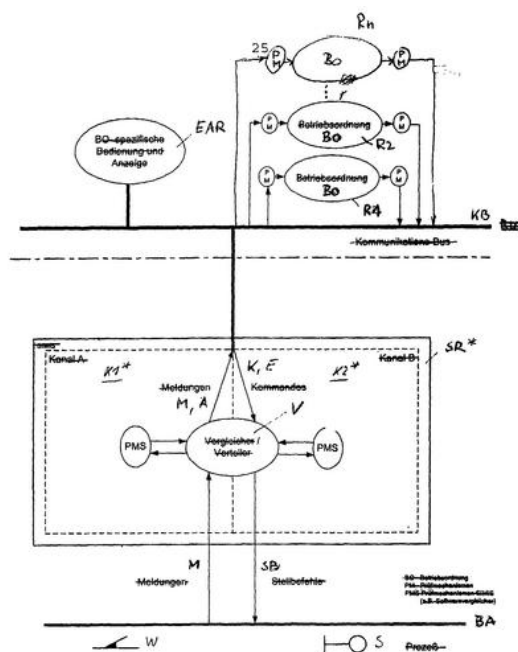
(72) Name of the Inventor:
GOERICKE VOLKER
PRADE BERND
SCHIWASINSKE RALF

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The invention relates to a method for controlling a safety-critical railway operating process in which the programme necessary for the above is divided into a system software (V,PMS) and a software (BO) specific for railway management. External commands (K) and messages (M), which affect the control, are recorded and transmitted to commercial computers (R1,R2) in which the actual process control runs, by means of the system software running in one or several secure signalling computers (SR*), as defined by the relevant railway operating condition. The processing of the programme specific for railway management can occur in two channels, parallel or serially, whereby the monitoring of whether the commercial computers have reached the same result is carried out in the secure signalling computers. The output (SB) to the process (BA) for control also occurs from there, so long as the secure comparison recognises that the commercial computers have provided the corresponding process result at least twice, otherwise the signalling connection to the process elements (W,S) is securely cut. The advantage of the invention is that the same software can always be used for the secure signalling computers and the railway management software can be separately developed and checked without being linked to the system software. Significant cost and time savings can thus be made relative to the state of the art without affecting safety.

(FIG. - 1)



(22) **Date of filing of Application: 20/07/2004**

(21) Application No.: 01024/KOLNP/2004

(43) **Publication Date:** 14/07/2006

A

(54) Title of the invention: COMPOUNDS USEFUL AS A₃ ADENOSINE RECEPTOR AGONISTS

(51)	International classification	:	A61K 31/70; C07H 19/167	(71)	Name of Applicant: MUSCAGEN LIMITED
(31)	Priority Document No	:	0201849.7; 0201919.8; 0212438.6		Address of the Applicant: WELSH SCHOOL OF PHARMACY, REDWOOD BUILDING, KING EDWARD VII AVENUE, CATHAYS PARK, CARDIFF CF 10 3XF, GREAT BRITAIN
(32)	Priority Date	:	25.01.2002; 28.01.2002; 29.05.2002	(72)	Name of the Inventor: (1) SEVILLANO, LUIS, GARCIA (2) MC GUIGAN, CHRISTOPHER (3) DAVIES, ROBIN, HAVARD
(33)	Name of priority country	:	GREAT BRITAIN		
(86)	International Application No and Filing Date	:	PCT/GB03/00304 27.01.2003		
(87)	International Publication No	:	WO03/061670A1-31.07.2003		Filed U/S 5(2) before The Patents (Amendment) Act, 2005: Yes
(61)	Patent of addition to Application No Filed on	:	NIL NIL		
(62)	Divisional to Application No Filed on	:	NIL NIL		

(57) Abstract:

Adenosine analogue-type A3 receptor agonists having an N6 nitrogen substituted by a group which is usually -CH₂-CYCLE, where CYCLE is a specified heteroaromatic group, particularly a pyridyl or a bicyclic group, for example benzoxazole. Preferred CYCLE moieties are substituted in specified positions by, in particular, halo or methyl and, at another position, a dialkylamine

(FIG.nil)

(12) PATENT APPLICATION PUBLICATION	(21) Application No.: 01090/KOLNP/2004	A
(19) INDIA	(43) Publication Date: 14/07/2006	
(22) Date of filing of Application: 29/07/2004		

(54) Title of the invention: PURIFIED CYTOKINE INHIBITORY FACTOR

(51) International classification	: A61K 35/54	(71) Name of Applicant: ARKION LIFE SCIENCES LLC.
(31) Priority Document No	: 60/356,038; 10/364,593	Address of the Applicant: 3521 SILVERSIDE ROAD, QUILLEN BUILDING, WILMINGTON, DE 19810, U.S.A
(32) Priority Date	: 11.02.2002; 11.02.2003	
(33) Name of priority country	: U.S.A	
(86) International Application No and Filing Date	: PCT/US03/04020 11.02.2003	(72) Name of the Inventor: (1) IYER, SUBRAMANIAN (2) JOHNSON, WILLIAM L. (3) NGUYEN, LANCE (4) ROSS, STEVEN C. (5) XING, RUYE
(87) International Publication No	: WO03/068152A3-21.08.2003	
(61) Patent of addition to Application No	: NIL	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: Yes
Filed on	: NIL	
(62) Divisional to Application No	: NIL	
Filed on	: NIL	

(57) Abstract:

Disclosed is a composition comprising a substantially purified Cytokine Inhibitory Factor (CIF) having certain characteristics, including the ability to inhibit RNA transcription of the pro-inflammatory cytokines tumor necrosis factor alpha (TNF- α), interleukin 1-beta (IL-1 β), and interleukin-2 (IL-2). Also disclosed is a method for substantially purifying the Cytokine Inhibitory Factor and a method for modulating the immune system of an animal using such composition

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01098/KOLNP/2004	A
(22) Date of filing of Application: 03/08/2004	(43) Publication Date: 14/07/2006	

(54) Title of the invention: **PHARMACEUTICAL COMPOSITION COMPRISING A GLITAZONE AND A 4-OXOBUTANOIC ACID, AND THE USE THEREOF FOR TREATING DIABETES**

<p>(51) International classification : A61K 31/425; 31/44; A61P 3/10</p> <p>(31) Priority Document No : 02/00335</p> <p>(32) Priority Date : 11.01.2002</p> <p>(33) Name of priority country : FRANCE</p> <p>(86) International Application No and Filing Date : PCT/EP02/14311 16.12.2002</p> <p>(87) International Publication No : WO03/057216A1-17.07.2003</p> <p>(61) Patent of addition to Application No : <i>NIL</i></p> <p>Filed on : <i>NIL</i></p> <p>(62) Divisional to Application No : <i>NIL</i></p> <p>Filed on : <i>NIL</i></p>	<p>(71) Name of Applicant: MERCK PATENT GMBH Address of the Applicant: FRANKFURTER STRASSE 250, 64293 DARMSTADT, GERMANY</p> <p>(72) Name of the Inventor: (1) MOINET, GERARD (2) MARAIS, DOMINIQUE</p> <p>Filed U/S 5(2) before The Patents (Amendment) Act, 2005: Yes</p>
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(57) Abstract:

The present invention relates to a pharmaceutical composition comprising, as active principles, a 4-oxobutanoic acid and a glitazone, in combination with one or more pharmaceutically acceptable excipients. These compositions are particularly suitable for treating diabetes (FIG.nil)

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01148/KOLNP/2004	A
(22) Date of filing of Application: 10/08/2004	(43) Publication Date: 14/07/2006	

(54) **Title of the invention: METHOD FOR ADMINISTERING GLP-1 MOLECULES**

(51) International classification : A61P (31) Priority Document No : 60/358,184 (32) Priority Date : 20.02.2002 (33) Name of priority country : U.S.A (86) International Application No and Filing Date : PCT/US03/03111 07.02.2003 (87) International Publication No : WO03/072195A2-04.09.2003	(71) Name of Applicant: ELI LILLY AND COMPANY Address of the Applicant: KUKKT CORPORATE CENTER, INDIANAPOLIS, IN 46285, U.S.A
(61) Patent of addition to Application No Filed on : NIL (62) Divisional to Application No Filed on : NIL	(72) Name of the Inventor: (1) KHAN, MOHAMMED, AMIN (2) JONES, BRYAN EDWARD (3) MCGILL, JOHN MCNEILL Filed U/S 5(2) before The Patents (Amendment) Act, 2005: Yes

(57) Abstract:

The invention encompasses formulations that demonstrate the feasibility of oral absorption comprising GLP-1 compounds and specified delivery agents

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01155/KOLNP/2004	A
(22) Date of filing of Application: 11/08/2004	(43) Publication Date: 14/07/2006	

(54) **Title of the invention: ALPHA-SUBSTITUTED ARYLALKYL PHOSPHONATE DERIVATIVES**

(51) International classification : A61K 31/662; 31/42; 31/426; 31/4965; 31/44; 31/4406; A61P 7/00; 9/00; C07F 9/02; 9/28; 9/40	(71) Name of Applicant: ILEX PRODUCTS, INC. Address of the Applicant: 4545 HORIZON HILL BLVD., SAN ANTONIO, TX 78229-2263, U.S.A
(31) Priority Document No : 60/355,865	(72) Name of the Inventor: (1) PHAN HIEU TRUNG (2) NGUYEN LAN MONG (3) AZOULAY RAYMOND (4) DIEP VINH VAN (5) ESCHENHOF HARALD Filed U/S 5(2) before The Patents (Amendment) Act, 2005: Yes
(32) Priority Date : 11.02.2002	
(33) Name of priority country : U.S.A	
(86) International Application No and : PCT/US03/03107 Filing Date : 03.02.2003	
(87) International Publication No : WO03/069302A3- 21.08.2003	
(61) Patent of addition to Application No : NIL Filed on : NIL	
(62) Divisional to Application No : NIL Filed on : NIL	

(57) Abstract:

The present invention relates to novel α -substituted arylalkylphosphonate derivatives and their uses for lowering plasma levels of apo (a), Lp(a), apo B, apo B associated lipoproteins (low density lipoproteins and very low density lipoproteins) and for lowering plasma levels of total cholesterol

(FIG.nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 16/08/2004

(21) Application No.: 01181/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: TWO LAYER STRUCTURE FOR ABSORBENT ARTICLES

(51) International classification : A61F 13/15; B32B 3/28

(31) Priority Document No : 60/356,833

(32) Priority Date : 14.02.2002

(33) Name of priority country : U.S.A

(86) International Application No and Filing Date : PCT/US03/04434 : 13.02.2003

(87) International Publication No : WO03/068123A2-21.08.2003

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: MCNEIL PPC, INC.

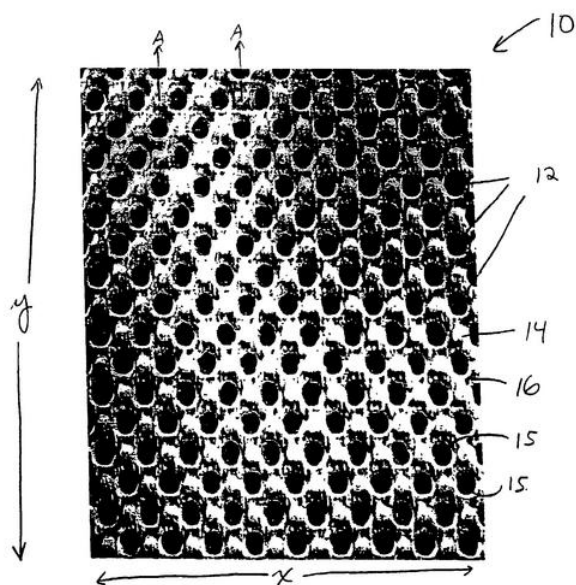
Address of the Applicant: GRANDVIEW ROAD, SKILLMAN, NJ 08558, U.S.A

(72) Name of the Inventor: (1) JAMES, WILLIAM A. (2) JONES, ARCHIE (3) KELLY, WILLIAM G. F.

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A two layer structure comprising a fluid permeable, first layer in fluid communication with a fluid permeable second layer is provided. The two layers contact one another substantially only through a plurality of disconnected macrofeatures that project either from the first layer or the second layer. The structure has particular utility as a cover/transfer layer for use in absorbent articles



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 16/08/2004**

(21) **Application No.: 01182/KOLNP/2004**

A

(43) **Publication Date: 14/07/2006**

(54) **Title of the invention: PLASTIC LID FOR A CAN**

(51) **International classification** : B65D 43/02; 21/02
(31) **Priority Document No** : PI 0201981-7;
PI 0203950-8;
(32) **Priority Date** : 07.03.2002;
06.09.2002
(33) **Name of priority country** : BRAZIL
(86) **International Application No and** : PCT/BR03/00030
Filing Date : 06.03.2003
(87) **International Publication No** : WO03/074381A1-
12.09.2003
(61) **Patent of addition to Application No** :
NIL
Filed on : NIL
(62) **Divisional to Application No** : NIL
Filed on : NIL

(71) **Name of Applicant: BRASILATE S/A**
EMBALAGENS METALICAS
Address of the Applicant: RUA ROBERT
BOSCH, 332, 01141-010 SAO PAULO-SP

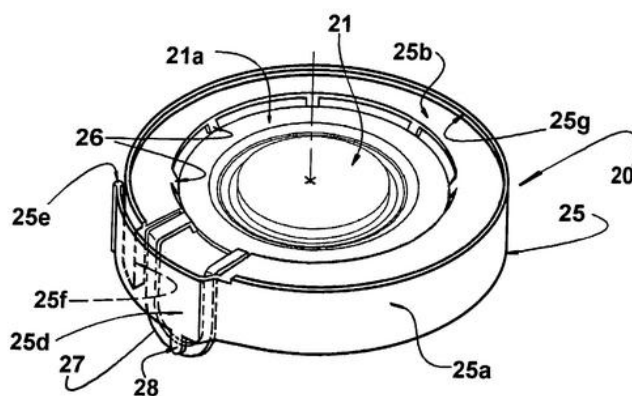
(72) **Name of the Inventor: (1) ALVERES, ANTONIO,**
CARLOS, TEIXEIRA (2) SENE, ANTONIO,
ROBERTO

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) **Abstract:**

A plastic lid for a can of the type comprising a tubular body (10) having an upper end (13) for the seating of the lid (20) comprising a sealing portion (21), removably seated on the tubular body (10) and provided with an upper edge (21b), a seal portion (25), to be ruptured upon the first opening of the lid (20), having an upper ring (25b) which is incorporated to a lower skirt (25a), said upper ring (25b) and said lower skirt (25a) being respectively seated onto and around part of the upper end (13), said upper ring (25b) being incorporated through radial bridges (26), to said upper edge (21b), the seal portion (25) presenting an interruption (25c) extending through the width of the upper ring (25b) and through at least part of the height of the lower skirt (25a). The sealing portion (21) incorporates a gripping tab (27) which is manually operable only when part of the seal portion (25) is ruptured

(FIG.1)



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 16/08/2004

(21) Application No.: 01183/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: **COMPACT APPARATUS FOR NONINVASIVE MEASUREMENT OF GLUCOSE THROUGH NEAR-INFRARED SPECTROSCOPY**

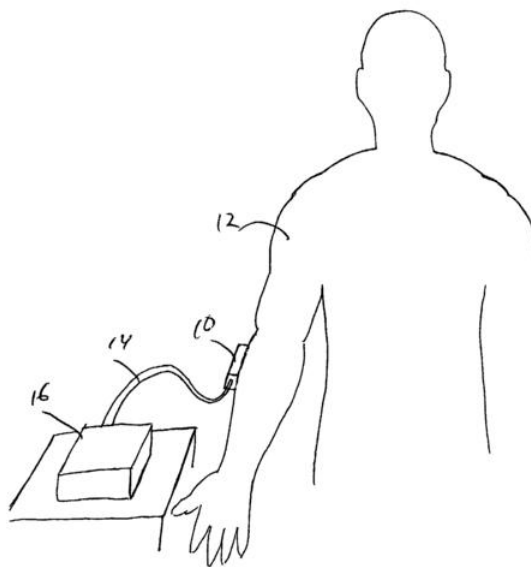
(51) International classification : G01J
(31) Priority Document No : 60/362,885;
60/362,899;
60/448,840
(32) Priority Date : 08.03.2002;
08.03.2002;
19.02.2003
(33) Name of priority country : U.S.A
(86) International Application No and : PCT/US03/07065
Filing Date : 07.03.2003
(87) International Publication No : WO03/076883A2-
18.09.2003
(61) Patent of addition to Application No :
NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of Applicant: SENSYS MEDICAL, INC.
Address of the Applicant: 7470 WEST
CHANDLER BLVD., CHANDLER, AZ 85226,
U.S.A
(72) Name of the Inventor: (1) ACOSTA GEROGE (2)
HENDERSON JAMES R. (3) ABUL-HAJ ALAN
N (4) RUCHTI TIMOTHY L (5) MONFRE
STEPHEN L (6) BLANK THOMAS B (7)
HAZEN KEVIN H

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

The invention involves the monitoring of a biological parameter through a compact analyzer. The preferred apparatus (10, 14, 16) is a spectrometer based system that is attached continuously or semi-continuously to a human subject and collects spectral measurements that are used to determine a biological parameter preferably glucose, in the sampled tissue. The preferred analyzer is a near-IR based glucose analyzer



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 16/08/2004

(21) Application No.: 01184/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: RECYCLING SYSTEM FOR A WASTE PROCESSING PLANT

(51) International classification : F23G 5/00; F23J 15/00; F23G 5/08; 5/16; F23J 1/08; F23G 5/027

(31) Priority Document No : 148223

(32) Priority Date : 18.02.2002

(33) Name of priority country : ISRAEL

(86) International Application No and Filing Date : PCT/IL03/00118 16.02.2003

(87) International Publication No : WO03/0692287A1- 21.08.2003

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

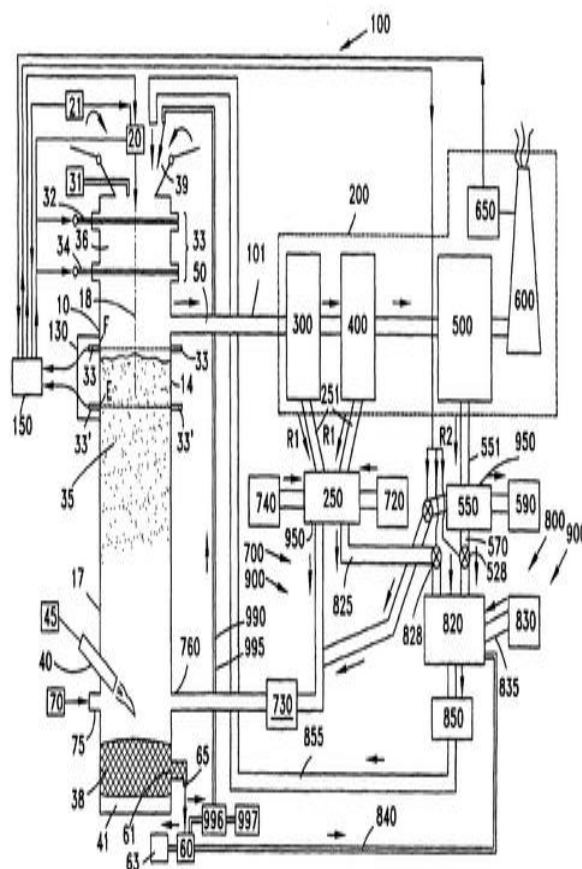
(71) Name of Applicant: E.E.R. ENVIRONMENTAL ENERGY RESOURCES (ISRAEL) LTD.
Address of the Applicant: 12 HACHILAZON STREET, 52522 RAMAT-GAN, ISRAEL

(72) Name of the Inventor: (1) GNEDENKO VALERI G (2) SURIS ALEXANDER (3) PEGAZ DAVID

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A recycling system for a waste converting apparatus collects residues from a post-processing means and re-introduces the residues into the apparatus such that the residues are exposed to the high temperature zone thereof



(FIG.1)

A

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

13174

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01189/KOLNP/2004	A
(22) Date of filing of Application: 17/08/2004	(43) Publication Date: 14/07/2006	

(54) **Title of the invention: DEVICE FOR HANDLING BANKNOTES**

<p>(51) International classification : G07D</p> <p>(31) Priority Document No : 102 10 687.8</p> <p>(32) Priority Date : 12.03.2002</p> <p>(33) Name of priority country : GERMANY</p> <p>(86) International Application No and Filing Date : PCT/EP03/02433 : 10.03.2003</p> <p>(87) International Publication No : WO03/077209A2- : 18.09.2003</p> <p>(61) Patent of addition to Application No : NIL Filed on : NIL</p> <p>(62) Divisional to Application No : NIL Filed on : NIL</p>	<p>(71) Name of Applicant: GIESECKE & DEVRIENT GMBH Address of the Applicant: PRINZREGENTENSTRASSE 159, 81677 MUNCHEN, GERMANY</p> <p>(72) Name of the Inventor: (1) HOBMEIER RALF (2) ERNESTI CHRISTOPH (3) STAPFER MICHAEL (4) KRAMER WALTER (5) REUTER FRANZ (6) MULLER JULIAN</p> <p>Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO</p>
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(57) Abstract:

The invention relates to a device for handling banknotes, comprising a conveying system provided with a number of conveying lines for conveying banknotes. The aim of the invention is to provide a device that has a particularly versatile and compact design. To this end, a conveying line that can be bidirectionally driven is provided between two conveying line branchings

(FIG.nil)

(12) PATENT APPLICATION PUBLICATION	(21) Application No.: 01194/KOLNP/2004	A
(19) INDIA	(43) Publication Date: 14/07/2006	
(22) Date of filing of Application: 17/08/2004		

(54) Title of the invention: RAPID ANALYSIS OF VARIATIONS IN A GENOME

(51) International classification	: C12Q 1/68; C07H 21/02; 21/04	(71) Name of Applicant: RAVGEN, INC. Address of the Applicant: 9241 RUMSEY ROAD, COLUMBIA, MD 21045, U.S.A
(31) Priority Document No	: 60/360,232; 10/093,618; 60/378,354	(72) Name of the Inventor: (1) DHALLAN RAVINDER
(32) Priority Date	: 01.03.2002; 11.03.2002; 08.05.2002	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO
(33) Name of priority country	: U.S.A	
(86) International Application No and Filing Date	: PCT/US03/06376 28.02.2003	
(87) International Publication No	: WO03/074740A1- 12.09.2003	
(61) Patent of addition to Application No	: NIL	
Filed on	: NIL	
(62) Divisional to Application No	: NIL	
Filed on	: NIL	

(57) Abstract:

The invention provides a method useful for determining the sequence of large numbers of loci of interest on a single or multiple chromosomes. The method utilizes an oligonucleotide primer that contains a recognition site for a restriction enzyme such that digestion with the restriction enzyme generates a 5' overhang containing the locus of interest. The 5' overhang is used as a template to incorporate nucleotides, which can be detected. The method is especially amenable to the analysis of large numbers of sequences, such as single nucleotide polymorphisms, from one sample of nucleic acid

(FIG.NIL)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 20/08/2004**

(21) **Application No.: 01216/KOLNP/2004**

A

(43) **Publication Date: 14/07/2006**

(54) **Title of the invention: TANGENTIAL CUTTING INSERT AND INSERT HOLDER**

(51) **International classification** : **B23B 27/16,27/08**
(31) **Priority Document No** : **148535**
(32) **Priority Date** : **06/03/2002**
(33) **Name of priority country** : **IL**
(86) **International Application No and** : **PCT/IL03/00099**
Filing Date : **10/02/2003**
(87) **International Publication No** : **WO 03/074218 A1**
(61) **Patent of addition to Application No** :

NIL

Filed on : **N.A.**

(62) **Divisional to Application No** :

NIL

Filed on : **N.A.**

(71) **Name of Applicant:**
ISCAR LTD

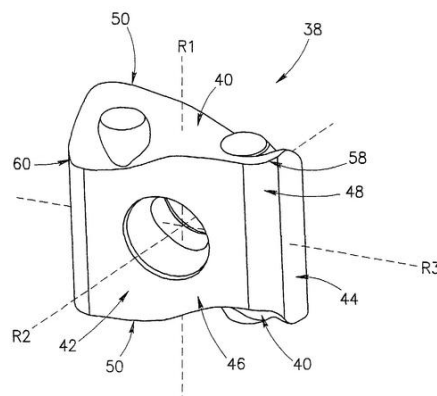
Address of the Applicant:
P.O. BOX 11 24959 TEFEN ISRAEL

(72) **Name of the Inventor:**
1. HECHT GIL

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

The present invention provides a tangential indexable cutting insert for use in metal cutting processes in general and for radial and axial turning of a stepped square shoulder in particular. The cutting insert exhibits 180° rotational symmetry about three mutually perpendicular axes. The cutting insert has generally 'S'-shaped cutting edges extending between raised and lowered corners. The cutting edges and side surfaces are concave in an end view of the cutting insert. The cutting insert enables radial and axial turning operations of a square shoulder with unlimited depth of cut



(FIG. - 1)

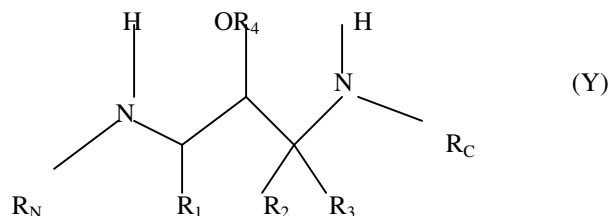
(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01229/KOLNP/2004	A
(22) Date of filing of Application: 23/08/2004	(43) Publication Date: 14/07/2006	

(54) Title of the invention: SUBSTITUTED HYDROXYETHYLAMINES

<p>(51) International classification : C07C 233/78,C07D 295/20,307/20,A61K 31/166,31/32,31/33, A61P 25/28,C07C 271/16,271/20,217/5 8,247/10,247/12,255/ 57,311/16,C07D 295/22</p> <p>(31) Priority Document No : 60/359,953</p> <p>(32) Priority Date : 27/02/2002</p> <p>(33) Name of priority country : US</p> <p>(86) International Application No and Filing Date : PCT/US03/07287 : 27/02/2003</p> <p>(87) International Publication No : WO 01/072535 A2</p> <p>(61) Patent of addition to Application No : <i>NIL</i></p> <p>Filed on : N.A.</p> <p>(62) Divisional to Application No : <i>NIL</i></p> <p>Filed on : N.A.</p>	<p>(71) Name of Applicant: ELAN PHARMACEUTICALS INC & PHARMACIA & UPJOHN COMPANY</p> <p>Address of the Applicant: 800 GATEWAY BOULEVARD SOUTH FRANCISCO CA 94080 USA & 301 HENRIETTA STREET KALAMAZOO MI 49007 USA</p> <p>(72) Name of the Inventor: VARGHESE JOHN JAGODZINSKA BARBARA MAILLARD MICHAEL BECK JAMES P TENBRINK RUTH E GETMAN DANIEL</p> <p>Filed U/S 5(2) before The Patents (Amendment) Act, 2005: Yes</p>
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(57) Abstract:

This invention relates to prodrugs of a class of amine compounds which are useful in the treatment of Alzheimer's disease and similar disease. This invention provides compounds of formula (Y)



And the pharmaceutically acceptable salts thereof, R_N , R_C , R_1 , R_2 , R_3
Are various organic groups of different molecular arrangements.

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 30/08/2004

(21) Application No.: 01270/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: MACROCYCLIC COMPOUNDS USEFUL AS PHARMACEUTICALS

(51) International classification : C07D 313/00,A61K 31/335,A61P 29/00,C07D 225/06,407/12,491/04, 267/00,493/04,A61K 31/36,31/395,A61P 11/06,17/06,17/16,19/ 04,35/00,37/06

(31) Priority Document No : 60/362,883

(32) Priority Date : 08/03/2002

(33) Name of priority country : US

(86) International Application No and Filing Date : PCT/US03/07377 : 07/03/2003

(87) International Publication No : WO 03/076424 A1

(61) Patent of addition to Application No : *NIL*

Filed on : N.A.

(62) Divisional to Application No : *NIL*

Filed on : N.A.

(71) Name of Applicant:
EISAI CO LTD

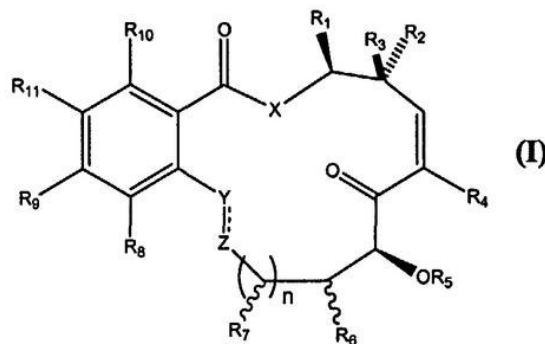
Address of the Applicant:
6-10 KOISHIKAWA 4-CHOME BUNKYO-KU
TOKYO 112-8088 JAPAN

(72) Name of the Inventor:
BIOVIN ROCH
CHIBA KENICHI
CJOW JESSE
DU HONG
EGUCHI YOSHIHITO
FUJITA MASANORI

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: Yes

(57) Abstract:

The present invention provides compounds having formula (I), and additionally provides methods for the synthesis thereof and methods for the use thereof in the treatment of various disorders including inflammatory or autoimmune disorders, and disorders involving malignancy or increased angiogenesis, wherein R_1 - R_{11} , t, X, Y, Z, and n are as defined herein



(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 01/09/2004

(21) Application No.: 01283/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: BETA-SHEET MIMETICS AND COMPOSITION AND METHODS RELATING THERETO

(51) International classification : A61K 31/5025 C07D 487/04

(31) Priority Document No : 60/357,261

(32) Priority Date : 14/02/2002

(33) Name of priority country : US

(86) International Application No and Filing Date : PCT/US03/04993 : 14/02/2003

(87) International Publication No : WO 03/068237 A1

(61) Patent of addition to Application No :

NIL

Filed on : N.A.

(62) Divisional to Application No :

NIL

Filed on : N.A.

(71) Name of Applicant:
MYRIAD GENETICS INC

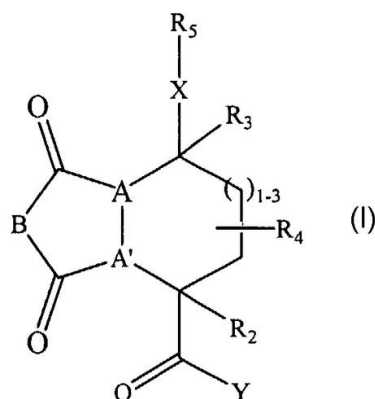
Address of the Applicant:
320 WAKARA WAY SALT LAKE CITY UTAH
84108 USA

(72) Name of the Inventor:
OGBU CYPRIAN O
KIM HWA-OK
BLASKOVICH MARK A

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: Yes

(57) Abstract:

Compounds having Structure I, including pharmaceutically acceptable salts and stereoisomers thereof, wherein A, A', B, X, Y, R₂, R₃, R₄ and R₅ are as defined herein. Such compounds have utility over a wide range of applications, including use as diagnostic and therapeutic agents. In particular, compounds of this invention, and pharmaceutical compositions containing such compounds, are tryptase antagonists

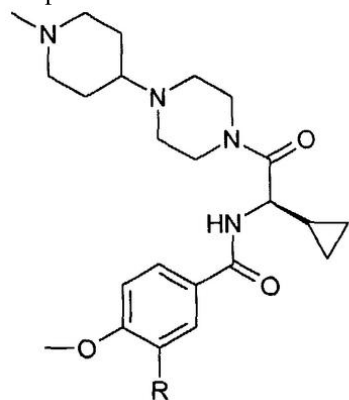


(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application:** 13/09/2004**(21) Application No.:** 01341/KOLNP/2004**A****(43) Publication Date:** 14/07/2006**(54) Title of the invention:** CERTAIN 1-(D-CYCLOPROPYLGLYCINYL)-4-(PIPERIDIN-4-YL) PIPERAZINE COMPOUNDS AS INHIBITORS OF THE SERINE PROTEASE FACTOR XA

(51) International classification	: C07D 211/58, A61K 31/495, A61P 7/02	(71) Name of Applicant: ELI LILLY AND COMPANY.,
(31) Priority Document No	: 60/368,523	Address of the Applicant: LILLY CORPORATE CENTER, CITY OF INDIANAPOLIS, STATE OF INDIANA, IN 46285, USA.
(32) Priority Date	: 01/04/2002	
(33) Name of priority country	: USA	
(86) International Application No and Filing Date	: PCT/US03/007794 : & 24/03/2003	
(87) International Publication No	: NA	
(61) Patent of addition to Application No	: NA	(72) Name of Inventor: WILEY, MICHAEL ROBERT ENGEL, GARY LOWELL
Filed on	: NA	
(62) Divisional to Application No	: NA	
Filed on	: NA	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: YES

(57) Abstract: The compounds of formula (I) in which R represents a hydrogen atom or a fluorine atom, or a pharmaceutically acceptable salt thereof are Factor Xa inhibitors useful in the treatment of thrombotic disorders.



(I)

(FIG.NIL).

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 27.09.2004

(21) Application No.: 01431/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: INDUCTOR CAPACITOR EMI FILTER FOR HUMAN IMPLANT APPLICATIONS

(51) International classification : A61N 1/375
(31) Priority Document No : 60/473,228;
60/508,426;
10/825,900
(32) Priority Date : 23.05.2003;
02.10.2003;
15.04.2003
(33) Name of priority country : USA
(86) International Application No and
Filing Date : PCT/US04/014127
: 05.05.2004
(87) International Publication No : WO 2004/105572
(61) Patent of addition to Application No :
NA
Filed on : NA
(62) Divisional to Application No :
NA
Filed on : NA

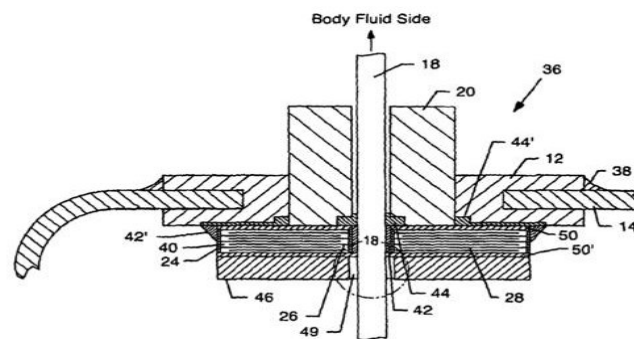
(71) Name of Applicant:
GREATBATCH-SIERRA, INC.
Address of the Applicant:
5200 SIGSTROM DRIVE, CARSON CITY, NV
89706, USA

(72) Name of the Inventor: STEVENSON, Robert, A.;
FRYSZ, Christine; HUSSEIN, Haytham;
BRENDDEL, Richard, L.

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

A feedthrough terminal assembly (36) for an active implantable medical device includes a conductive ferrule (12) conductively coupled to a housing (14) of the medical device, a feedthrough capacitor (40) conductively coupled to the ferrule (12), an inductor (46) closely associated with the capacitor in non-conductive relation, and a conductive terminal pin (18) extending through the capacitor (40) and the inductor (46). The terminal pin (18) extends through the inductor (46) in non-conductive relation and is conductively coupled to active electrode plates of the capacitor (40). In one preferred form, the terminal pin (18) is wound about the inductor (46). Additionally, the inductor (46) may be maintained in close association with the capacitor (40) without forming a direct physical attachment therebetween.



(FIG.17)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 07./10/2004

(21) Application No.: 01495/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: FIBER PELLETS AND PROCESSES FOR FORMING FIBER PELLETS

(51) International classification : B29B
(31) Priority Document No : 10/109,816
(32) Priority Date : 29.03.2002
(33) Name of priority country : USA
(86) International Application No and Filing Date : PCT/US03/08338
: 18.03.2003
(87) International Publication No : WO 03/084726
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

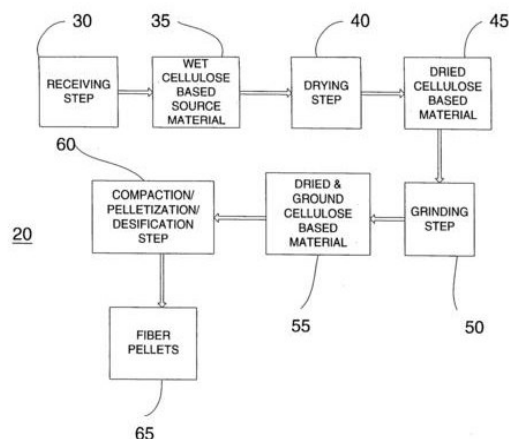
(71) Name of Applicant: FIBERTECH POLYMERS, INC.
Address of the Applicant: 5000 BIRCH STREET,
SUITE 4800, NEWPORT BEACH, CA 92660,
UNITED STATES OF AMERICA

(72) Name of the Inventor: CREWS JERRY W;
TRAUB DARREN; WISHENGRAD MURRAY

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

Low moisture processed cellulose fiber pellets useful in the manufacture of cellulose fiber reinforced polymer products and materials, and an extruder-less process for forming such low moisture cellulose fiber pellets from wet processed cellulose fiber-based waste source materials. The cellulose fiber pellets include processed cellulose fibers and mixed plastics and/or inorganics such as minerals, clay, and the like, and have a moisture content of about 0.1 to 14 % by weight. The extruder-less process includes the steps of drying, grinding and pelletizing in a manner capable of forming low moisture cellulose fiber pellets from wet processed cellulose fiber-based waste source materials having a moisture content of about 40-80% by weight.



(FIG.2)

A

13184

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 11/10/2004

(21) Application No.: 01514/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: IMPROVEMENTS IN ELECTROCHEMISTRY

(51) International classification : C07C 6/00
(31) Priority Document No : 60/363,152;
60/366,755;
60/403,251;
60/403,225;
60/439,223
(32) Priority Date : 11.03.2002;
21.03.2002;
13.08.2002;
13.08.2002;
10.01.2003
(33) Name of priority country : USA
(86) International Application No and : PCT/US03/08241
Filing Date : 11.03.2003
(87) International Publication No : WO 03/078362
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

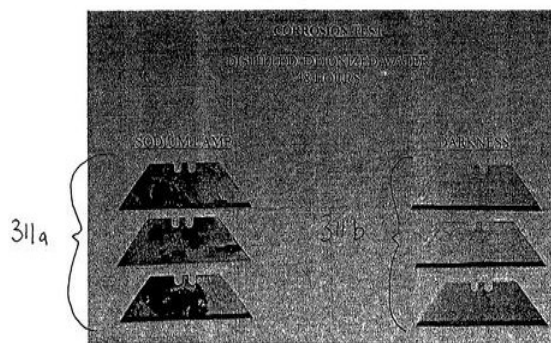
(71) Name of Applicant: BERKSHIRE
LABORATORIES, INC.
Address of the Applicant: 864 MORRISON
ROAD, COLUMBUS, OH 43230, UNITED
STATES OF AMERICA

(72) Name of the Inventor: BROOKS JULIANA H J;
BLUM BENTLEY J; MORTENSON MARK G

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

The invention relates to novel methods for affecting, controlling and/or directing various reactions and/or reaction pathways or systems by exposing one or more components in a holoreaction system to at least one spectral energy pattern. In a first aspect of the invention, at least one spectral energy pattern can be applied to a reaction system. In a second aspect of the invention, at least one spectral energy conditioning pattern can be applied to a conditioning reaction system. The spectral energy conditioning pattern can, for example, be applied at a separate location from the reaction vessel (e.g., in a conditioning reaction vessel) or can be applied in (or to) the reaction vessel, but prior to other reaction system participants being introduced into the reaction vessel.



(FIG. 80)

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01522/KOLNP/2004	A
(22) Date of filing of Application: 11/10/2004	(43) Publication Date: 14/07/2006	

(54) Title of the invention: METHOD FOR IMMOBILIZING MOLECULES ON SURFACES

<p>(51) International classification : B01D 15/08; B01J 20/34; G01N 33/543</p> <p>(31) Priority Document No : 10216446.0; 10236925.9</p> <p>(32) Priority Date : 12.04.2002; 12.08.2002</p> <p>(33) Name of priority country : GERMANY</p> <p>(86) International Application No and Filing Date : PCT/EP03/03782 ; 10.04.2003</p> <p>(87) International Publication No : WO 03/087823</p> <p>(61) Patent of addition to Application No : NIL</p> <p>Filed on : NIL</p> <p>(62) Divisional to Application No : NIL</p> <p>Filed on : NIL</p>	<p>(71) Name of Applicant: MICRONAS GMBH; MICRONAS HOLDING GMBH & KLAPPROTH HOLGER Address of the Applicant: HANS-BUNTE-STRASSE 19, 79108 FREIBURG, GERMANY; HANS-BUNTE-STRASSE 19, 79108 FREIBURG, GERMANY AND KEHLERSTRASSE 12, 79108 FREIBURG, GERMANY</p> <p>(72) Name of the Inventor: SIEBEN, ULRICH; FREUND, INGO; KLAPROTH, HOLGER</p> <p>Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO</p>
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(57) Abstract:

The invention relates to a method for immobilizing molecules on surfaces, whereby a largely planar surface is coated with a polymer after which the molecules are immobilized on the surface by said polymer.

(FIG. NIL)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 12/10/2004****(21) Application No.: 01530/KOLNP/2004****A****(43) Publication Date: 14/07/2006****(54) Title of the invention: DESIGN BUILD TEST CYCLE REDUCTION**

(51) International classification : G02B
(31) Priority Document No : 60/372,738;
10/000,000
(32) Priority Date : 12.04.2002;
10.04.2003
(33) Name of priority country : USA
(86) International Application No and : PCT/US03/11136
Filing Date : 11.04.2003
(87) International Publication No : WO 03/087889
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

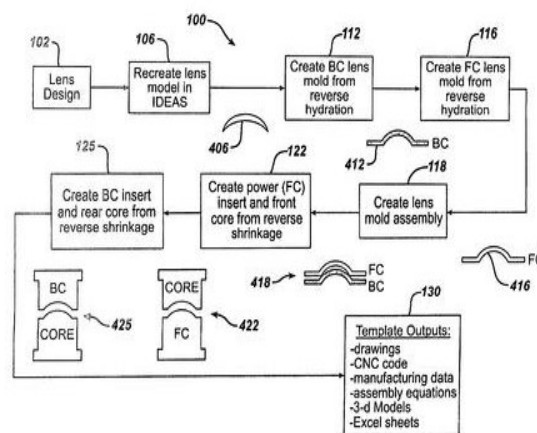
(71) Name of Applicant: JOHNSON & JOHNSON VISION CARE, INC.
Address of the Applicant: 7500 CENTURION PARKWAY, SUITE 100, JACKSONVILLE, FL 32256, UNITED STATES OF AMERICA

(72) Name of the Inventor: WILDSMITH, CHRISTOPHER; LUST, VICTOR; PEREZ, JOSE, L; DAMODHARAN, KRISH; ROY, JEFFREY, M; DANIEL, JASON; PINELLA, DAVID, F

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

An ophthalmic lens design and modeling system comprises a user interface (102) providing functionality for generating a template (130) associated with a desired lens design (106) to be manufactured, the template comprising lens design information (125) sufficient for generating three-dimensional (3D) models of lens (130), and 3D models of associated components (130) required for lens manufacture in an ophthalmic lens manufacturing system. The system further includes functionality for generating and/or specifying linking information, via the user interface, that governs the physical behavior of lens design features included in said template (130) in accordance with one or more process parameters affecting lens manufacture and manufacture of associated components in an ophthalmic lens manufacturing system. The use of the template (130) and design and linking information therein thus facilitates rapid lens modeling and lens manufacture operations with greater accuracy, thereby reducing lens design build and test (DBT) cycle time.

**(FIG. 3)**

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 12/10/2004

(21) Application No.: 01531/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: MODULAR INVERSION THAT IS PROTECTED AGAINST ESPIONAGE

(51) International classification : G06F 7/72
(31) Priority Document No : 102 22 212.6
(32) Priority Date : 16.05.2002
(33) Name of priority country : GERMANY
(86) International Application No and Filing Date : PCT/EP03/005011 : 13.05.2003
(87) International Publication No : WO 03/098429
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of Applicant: GIESECKE & DEVRIENT GMBH

Address of the Applicant:
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MUNCHEN, GERMANY

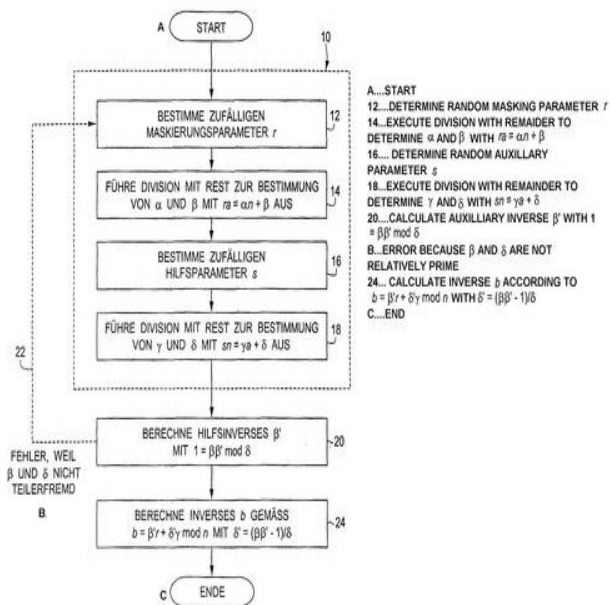
(72) Name of the Inventor: BAUER SVEN

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The invention relates to methods for an espionage-protected determination of the modular inverse b of a value a to the modulus n for a cryptographic application. According to said method, an auxiliary value β and an auxiliary modulus δ are determined at least in accordance with the value a , the modulus n and also at least one masking parameter r , an auxiliary inverse β' is determined as the modular inverse of the auxiliary value β to the auxiliary modulus δ and the modular inverse b is determined at least in accordance with the auxiliary inverse β' , the masking parameter(s) r and the auxiliary value β and/or the auxiliary modulus δ . The invention also relates to a corresponding computer program product and a portable data carrier. The invention provides a modular inversion method that is protected against espionage, which is suitable for security-critical applications, e.g. cryptographic calculations in a portable data carrier.

(FIG. 1)



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 12/10/2004

(21) Application No.: 01532/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: FAST ESTIMATION OF WEAK BIO-SIGNALS USING NOVOEL ALGORITHMS FOR GENERATING MULTIPLE ADDITIONAL DATA FRAMES

(51) International classification : H04B 15/00
(31) Priority Document No : 10/113,425
(32) Priority Date : 29.03.2002
(33) Name of priority country : USA
(86) International Application No and Filing Date : PCT/US03/009711 : 28.03.2003
(87) International Publication No : WO 03/090610
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

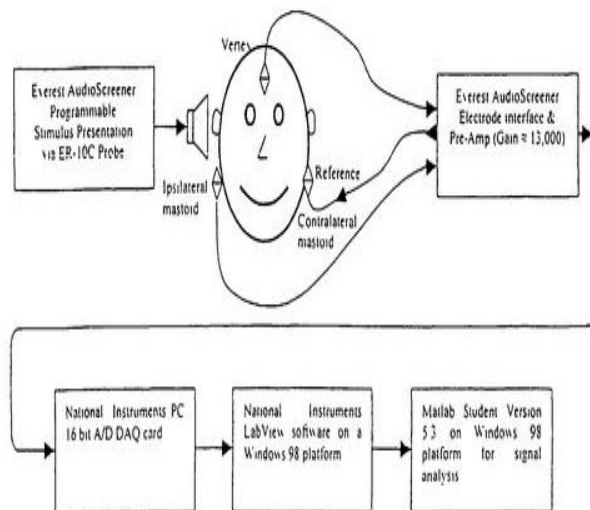
(71) Name of Applicant: EVEREST BIOMEDICAL INSTRUMENTS COMPANY
Address of the Applicant: SUITE 140, 16690 SWINGLEY RIDGE ROAD, CHESTERFIELD, MO 63017, UNITED STATES OF AMERICA

(72) Name of the Inventor: CAUSEVIC ELVIR; CAUSEVIC ELDAR

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A method and apparatus for de-noising weak bio-signals having a relatively low signal to noise ratio utilizes an iterative process of de-noising a data set comprised of a new set of frames. The method separately performs a non-linear de-noising operation on each of the component frames and combines the resultant de-noised frames to form a combined resultant de-noised input signal. The method is preferably carried out in a digital processor.



(FIG. 4)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 13/10/2004

(21) Application No.: 01549/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: CIRCUIT BREAKER HAVING FAULT-CURRENT CUTOFF

(51) International classification : H01H 71/28
(31) Priority Document No : 102 11 902.3
(32) Priority Date : 18.03.2002
(33) Name of priority country : GERMANY
(86) International Application No and Filing Date : PCT/EP03/02818
(87) International Publication No : WO 03/079388
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of Applicant: ETI ELEKTROELEMENT D.D.

Address of the Applicant: OBREZIJA 5, 1411 IZLAKE, SLOVENIA

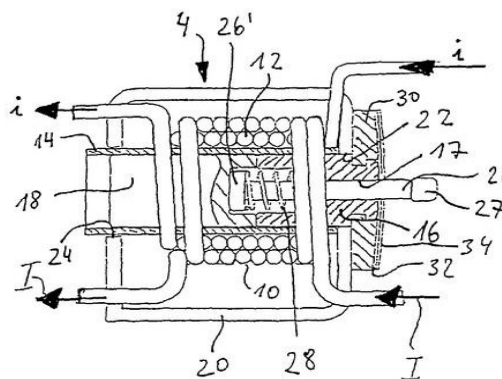
(72) Name of the Inventor: KOPRIVSEK MITJA

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The invention relates to a circuit breaker for automatically interrupting an electrical flow of current (I), comprising a trip element (4), which has a tappet (26) for actuating a switching mechanism (3) and a coil (10) for generating an electromagnetic tripping force that moves the tappet (26) out of a first position and into a tripping position. The invention is characterized in that a second coil (12) is arranged coaxial to the first coil (10), whereby the second coil (12) is flown through by a current (i) that is controlled according to a signal output by a summation current transformer (42) as a response to the detection of fault-currents.

(FIG. 2)



(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 29/10/2004****(21) Application No.: 01614/KOLNP/2004****A****(43) Publication Date: 14/07/2006**

(54) Title of the invention: FORMULATION OF A MIXTURE OF FREE-B-RING FLAVONOIDS AND FLAVANS AS A THERAPEUTIC AGENT

(51) International classification	:	A61K
(31) Priority Document No	:	60/377,168
(32) Priority Date	:	30/04/2002
(33) Name of priority country	:	US
(86) International Application No and Filing Date	:	PCT/US03/13463 30/04/2003
(87) International Publication No	:	WO 03/092599 A2
(61) Patent of addition to Application No	:	NIL
Filed on	:	N.A.
(62) Divisional to Application No	:	NIL
Filed on	:	N.A.

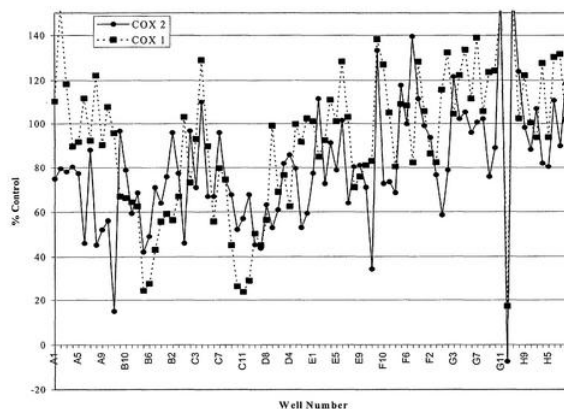
(71) Name of Applicant:	UNIGEN PHARMACEUTICALS INC
Address of the Applicant:	2660 WILLAMETTE DR N.E. LACEY WA 98516 USA

(72) Name of the Inventor:	JIA QI
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Filed U/S 5(2) before The Patents (Amendment) Act, 2005: YES**(57) Abstract:**

The present invention provides a novel composition of matter comprised of a mixture of two specific classes of compounds --Free-B-ring flavonoids and flavans-- for use in the prevention and treatment of diseases and conditions mediated by the COX-2 and 5-LO pathways. The present invention further provides a novel method for simultaneously inhibiting the cyclooxygenase-2 (COX-2) and 5-lipoxygenase (5-LO) enzymes, and reducing *cox-2* mRNA production. Finally, the present invention includes a method for weight loss and blood glucose control. The methods of this invention are comprised of administering to a host in need thereof an effective amount of the composition of this invention together with a pharmaceutically acceptable carrier. This invention relates generally to the prevention and treatment of diseases and conditions mediated by the cyclooxygenase-2 (COX-2) and 5-lipoxygenase (5-LO) pathways, including but not limited to the relief joint discomfort and pain associated with conditions such as osteoarthritis, rheumatoid arthritis, and other injuries that result from overuse

(FIG. - 1)



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 08/11/2004

(21) Application No.: 01673/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: BASE STATION APPARATUS AND COMMUNICATION TERMINAL APPARATUS

(51) International classification : H04Q 7/38
(31) Priority Document No : 2002-380785; 2003-037483
(32) Priority Date : 27.12.2002;
14.02.2003
(33) Name of priority country : JAPAN
(86) International Application No and Filing Date : PCT/JP04/016909
: 26.12.2003
(87) International Publication No : WO 2004/062311
(61) Patent of addition to Application No :
NA
Filed on : NA
(62) Divisional to Application No :
NA
Filed on : NA

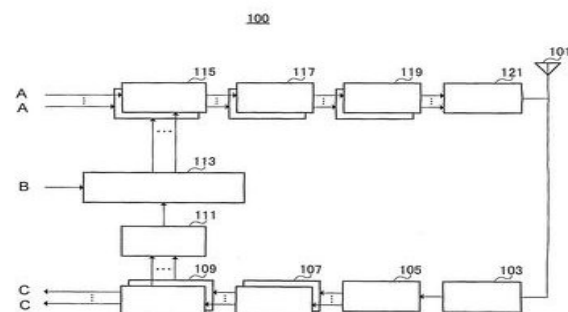
(71) Name of Applicant:
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
Address of the Applicant:
1006, OAZA KADOMA, KADOMA-SHI, OSAKA
571-8501, JAPAN

(72) Name of the Inventor: UEHARA, Toshiyuki;
YOSHII, Isamu; NISHIO, Akihiko;
HIRAMATSU, Katsuhiko; IOCHI, Hitoshi

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

A base station apparatus and communication terminal apparatus capable of estimating interference with other cells on an uplink and realizing optimum assignment. At a base station (100), a scheduling and transmission parameter determining section (113) receives soft handover information from a higher layer and does not perform individual assignment processing for a mobile station in the process of soft handover. In this way, the mobile station can perform continuous transmission at a constant transmission rate (e.g., coding rate, modulation scheme, spreading factor, transmit power, etc.).



100... BASE STATION
A... TRANSMISSION DATA
B... SHO INFORMATION
C... RECEPTION DATA
115... CHANNEL CODING SECTION
117... MODULATION SECTION
119... SPREAD SECTION
121... TRANSMISSION RADIO SECTION
113... SCHEDULING/TRANSMISSION PARAMETER DECISION SECTION
111... REPORT VALUE EXTRACTION SECTION
109... CHANNEL CODING SECTION
107... DEMODULATION SECTION
105... DESPREADING SECTION
103... RECEPTION RADIO SECTION

(FIG.2)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 08/11/2004**

(21) **Application No.: 01674/KOLNP/2004**

A

(43) **Publication Date: 14/07/2006**

(54) **Title of the invention:** CONTINUOUS FILAMENT MAT BINDER SYSTEM

(51) International classification	:	C08J 7/04
(31) Priority Document No	:	60/380,580
(32) Priority Date	:	15.05.2002
(33) Name of priority country	:	USA
(86) International Application No and Filing Date	:	PCT/US03/14933 12.05.2003
(87) International Publication No	:	WO 2003/097726
(61) Patent of addition to Application No	:	NA
Filed on	:	NA
(62) Divisional to Application No	:	NA
Filed on	:	NA

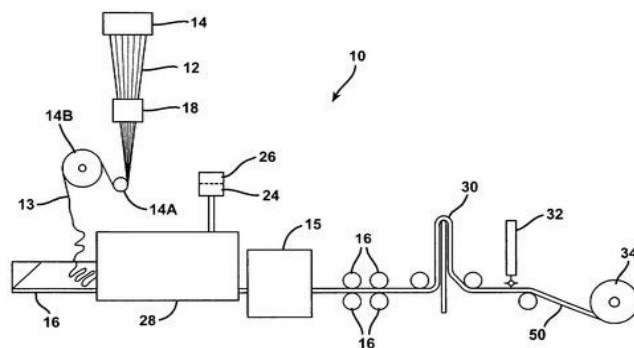
(71) **Name of Applicant:**
OWENS CORNING
Address of the Applicant:
ONE OWENS CORNING PARKWAY, TOLEDO,
OH 43659, UNITED STATES OF AMERICA

(72) **Name of the Inventor: LANE, Adrian, C.;**
ANTLE, Jeffrey, L.

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

A binder slurry (24) for a continuous filament mat (50) used in a phenolic pultrusion system comprising a phenolic compatible silane, a non-ionic surfactant, a defoamer, water, an organic acid and a polyvinyl acetate copolymer binder. The binder slurry resin is unique in that the polyvinyl acetate copolymer binder is compatible with presently available phenolic resins, and as such pultruded parts made have improved surface and mechanical properties as compared with traditional polyester type binder slurries which are not compatible with phenolic resins.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 08/11/2004

(21) Application No.: 01675 /KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: CLEANING METHOD

(51) International classification : B08B 9/032
(31) Priority Document No : ME2002A000007
(32) Priority Date : 10.06.2002
(33) Name of priority country : ITALY
(86) International Application No and Filing Date : PCT/IT03/00359
(87) International Publication No : WO 03/103863
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

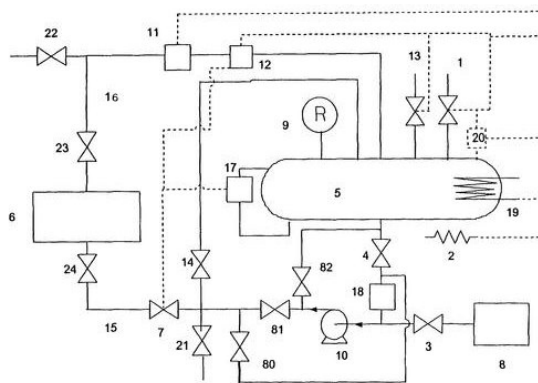
(71) Name of Applicant: TRAPTEK LLC.
Address of the Applicant: 1830 BOSTON AVENUE, SUITE D, LONGMONT, COLORADO 80501, UNITED STATES OF AMERICA

(72) Name of the Inventor: HAGGQUIST GREGORY W

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The method for cleaning chemical process and hydrocarbon processing apparatuses is performed by establishing a closed flow circulation loop, under specific operating conditions and in the presence of hydrocarbon-based fluids. The cleaning method is monitored by performing chemical/physical analysis. After cleaning the apparatus(es) can be immediately inserted back into the process. An optional degassing step can also be performed, in case the apparatus(es) has to be disassembled for inspection of maintenance.



(FIG. 1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 08/11/2004

(21) Application No.: 01681 /KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: SWITCHING INSTALLATION PROVIDED WITH AN ELECTRICALLY INSULATING BARRIER

(51) International classification : H02B 13/02
(31) Priority Document No : 1020581
(32) Priority Date : 13.05.2002
(33) Name of priority country : NETHERLANDS
(86) International Application No and Filing Date : PCT/NL03/00349 : 13.05.2003
(87) International Publication No : WO 03/096504
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of Applicant: EATON ELECTRIC N.V.

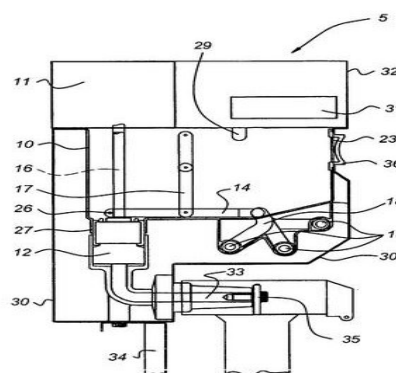
Address of the Applicant: NL-7558 SC
HENGELO, THE NETHERLANDS

(72) Name of the Inventor: LAMMERS, AREND JAN
WILLEM

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

A switching installation (5) having a circuit breaker (12), which is connected to a cable connection (33), and optionally a disconnecter (14) for making or breaking a conductive connection between the cable connection (33) and a rail system (15), and an electrically insulating barrier (10). The electrically insulating barrier (10) surrounds at least the parts which are under electric voltage in operation from the circuit breaker (12) to the rail system (15), including a branch (18) leading to a rail (15) of the rail system, separately for each phase of the switching installation (5). Furthermore, inside the electrically insulating barrier (10) the switching installation may be provided with field-control means and/or voltage-sealing means (22, 25, 37).



(FIG. 1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 08/11/2004

(21) Application No.: 01682 /KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: LIGHTING DEVICES USING FEEDBACK ENHANCED LIGHT EMITTING DIODE

(51) International classification : H05B 33/22
(31) Priority Document No : 60/379,141
(32) Priority Date : 08.05.2002
(33) Name of priority country : USA
(86) International Application No and Filing Date : PCT/US03/14590
(87) International Publication No : WO 03/101157
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

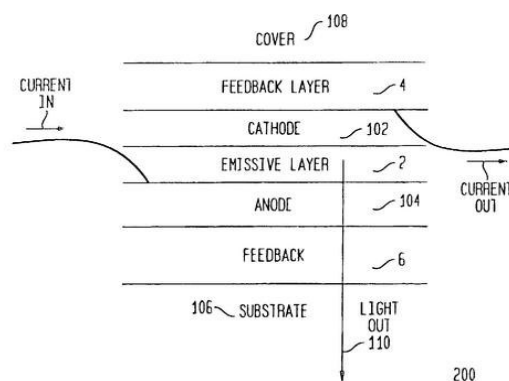
(71) Name of Applicant: ZEOLUX CORPORATION
Address of the Applicant: 704 228TH STREET,
SAMMAMISH, WA 98704, UNITED STATES
OF AMERICA

(72) Name of the Inventor: MAGNO JOHN N; KOCH
GENE C

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

Lighting devices (200) using feedback-enhanced luminescent devices are disclosed. The position of the cathode (102) and the anode (104) may be interchanged. The device also may include a substrate (106) placed adjacent to the bottom feedback layer (106). A light emitting diode disposed between feedback elements (FE-LED) may be used as a light emitting element in the lighting devices. The light emitting element may be coupled to a light distribution element. In one aspect, the light emitting diode may be an organic light emitting diode (FE-OLED).



(FIG. 2)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 08/11/2004****(21) Application No.: 01679/KOLNP/2004****A****(43) Publication Date: 14/07/2006****(54) Title of the invention:** ELECTRICAL POWER BREAKER HAVING AN ELECTRONIC MEMORY FOR CHARACTERISTICS AND CONVERSION FACTORS

(51) International classification	:	H02H 3/00
(31) Priority Document No	:	10221572
(32) Priority Date	:	08.05.2002
(33) Name of priority country	:	GERMANY
(86) International Application No and Filing Date	:	PCT/DE03/01258 10.04.2003
(87) International Publication No	:	WO 03/096506
(61) Patent of addition to Application No	:	NA
Filed on	:	NA
(62) Divisional to Application No	:	NA
Filed on	:	NA

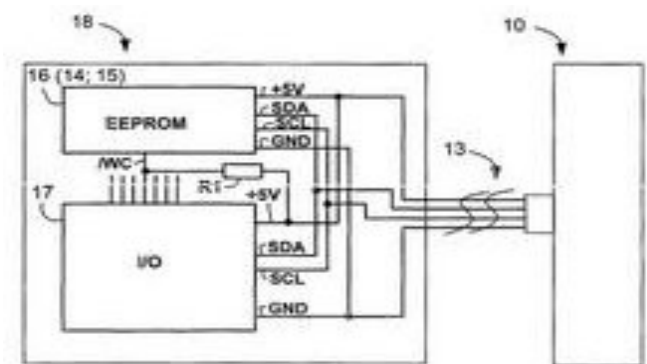
(71) Name of Applicant:
SIEMENS AKTIENGESELLSCHAFT
Address of the Applicant:
WITTELSBACHERPLATZ 2, 80333 MÜNCHEN,
GERMANY

(72) Name of the Inventor: DRIEHORN, Thomas;
KRAUSS, Andreas; MUSIOL, Aron-Ernst;
RÖHL, Wolfgang; REDMANN, Ilka; PANCKE,
Andreas

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

An electrical power breaker (1) has an electronic protective device (10) and an electronic memory, which is accommodated in the power breaker such that it is physically separated from said protective device (10), for operational data for the power breaker (1). Data security when using the additional electronic memory (14, 15, 16) being connected to the protective device (10) by means of a data bus which can be used to transmit control signals for the purpose of activating or deactivating a write protection device of the electronic memory (14, 15, 16). The data bus is preferably an I²C bus, and the write protection device is controlled by an I/O module (17) which is likewise controlled by the I²C bus.



(FIG.2)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 08/11/2004****(21) Application No.: 01680/KOLNP/2004****A****(43) Publication Date: 14/07/2006**

(54) Title of the invention: DELIVERY UNIT

(51) International classification	:	F02M 37/08
(31) Priority Document No	:	10222252.5
(32) Priority Date	:	16.05.2003
(33) Name of priority country	:	GERMANY
(86) International Application No and Filing Date	:	PCT/DE03/01356 25.04.2003
(87) International Publication No	:	WO 2003/098027
(61) Patent of addition to Application No	:	NA
Filed on	:	NA
(62) Divisional to Application No	:	NA
Filed on	:	NA

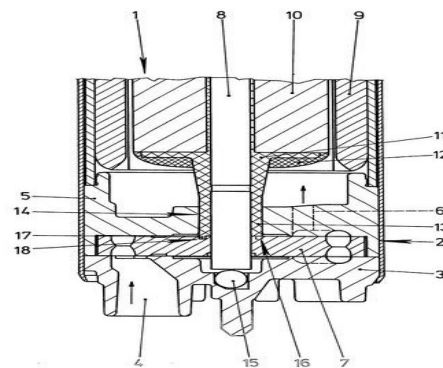
(71) Name of Applicant: SIEMENS AKTIENGESELLSCHAFT Address of the Applicant: WITTELSBACHERPLATZ 2, 80333 MUNICH, GERMANY
--

(72) Name of the Inventor: BECKER, DIRK
--

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The invention relates to a delivery unit for delivering fuel in a motor vehicle. The invention is characterized in that a plastic casing (11) of a rotor (10) of an electric motor (1) is configured as one piece with a bush (13). A housing part (5) of a delivery pump(2) comprises a bearing unit to be produced and mounted in a particularly cost-effective manner.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01698/KOLNP/2004	A
(22) Date of filing of Application: 07/11/2004	(43) Publication Date: 14/07/2006	

(54) **Title of the invention:** ANTI TUBERCULAR DRUG : COMPOSITIONS AND METHODS

(51) International classification	: C07D 333/38	(71) Name of Applicant:	
(31) Priority Document No	: 10/147,587; 60/381,220	DEPARTMENT OF HEALTH AND HUMAN SERVICES; SEQUELLA, INCORPORATED	
(32) Priority Date	: 17.05.2002	Address of the Applicant:	
(33) Name of priority country	: USA	National Institutes of health, 9000 Rockville Place,	
(86) International Application No and Filing Date	: PCT/US2003/0159271 9.05.2003	Bethesda, MD 20892, USA; 9610 Medical Center Drive, Rockville, Maryland 20849-1067, USA	
(87) International Publication No	: WO 2003/096989		
(61) Patent of addition to Application No	: NA	(72) Name of the Inventor: PROTOPOPOVA, Marina, Nikolaevna; LEE, Richard, Edward; SLAYDEN, Richard, Allan; BARRY, III, Clifton, E.; EINCK, LEO	
Filed on	: NA		
(62) Divisional to Application No	: NA		
Filed on	: NA	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: YES	

(57) Abstract:

Methods and compositions for treating disease caused by infectious agents, particularly tuberculosis. In particular, methods and compositions comprising substituted ethylene diamines for the treatment of infectious diseases are provided. In one embodiment, these methods and compositions are used for the treatment of mycobacterial infections, including, but not limited to, tuberculosis.

(FIG.nil)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 09/11/2004**

(21) **Application No.: 01700/KOLNP/2004**

A

(43) **Publication Date: 14/07/2006**

(54) **Title of the invention: METHOD FOR CLOSING A HYDRAULIC PNEUMATIC AND/OR OLEOPNEUMATIC CYLINDER AND MEANS FOR IMPLEMENTING THEREOF**

(51) **International classification** : **B21D 39/04**
(31) **Priority Document No** : **RM2002A000268**
(32) **Priority Date** : **15.05.2002**
(33) **Name of priority country** : **ITALY**
(86) **International Application No and Filing Date** : **PCT/IT03/00255**
: **23.04.2003**
(87) **International Publication No** : **WO 03/097269**
(61) **Patent of addition to Application No** : **NIL**
Filed on : **NIL**
(62) **Divisional to Application No** : **NIL**
Filed on : **NIL**

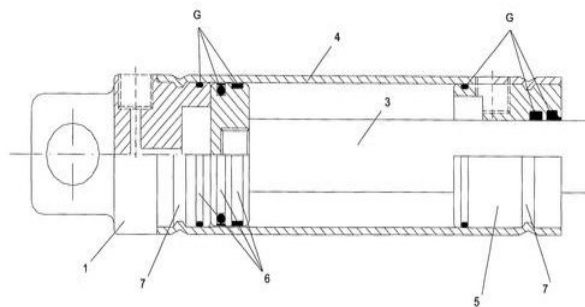
(71) **Name of Applicant: KARBOREK SRL**
Address of the Applicant: VIA FILI PERITO, 26,
I-85010 PIGNOLA, ITALY

(72) **Name of the Inventor: CANDELIERI**
TOMMASO; ROVINA GIOVANNI;
CARCAGNI DONATO

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

Method for manufacturing a jack or hydraulic, pneumatic and/or olepneumatic cylinder of the kind comprising a tubular cylindrical body (4) at the ends thereof a bottom (1) and a head (5) are fastened, inside thereof a piston (2) slides integral with a rod (3), characterized in that in order to fasten in an irremovable way the head (5) and the bottom (1) to the tubular body (4) of the jack without threading and/or welding procedures, it provides implementing at the end of the tubular body a controlled plastic deformation extended to the whole thickness of the tubular body itself, apt to locally deform the ends thereof by generating on each of them at least a circumferential ring radially projecting inwards so as to insert in at least a specific groove (7) arranged on the bottom (1) and on the head (5) inserted in the tube itself, respectively, so as to lock them in sito. Said plastic deformation guarantees the mechanical seal of the coupling between tube and bottom and tube and head.



(FIG. 2)

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01714/KOLNP/2004	A
(22) Date of filing of Application: 11/11/2004	(43) Publication Date: 14/07/2006	

(54) Title of the invention: **POLYURETHANE-BASED ANHYDROUS SIZING COMPOSITION FOR GLASS STRANDS, GLASS STRANDS OBTAINED AND COMPOSITES COMPRISING SAID STRANDS**

(51) International classification	: C03C 25/32, 25/24	(71) Name of Applicant: SAINT GOBAIN VETROTEX FRANCE S.A. Address of the Applicant: 130 AVENUE DES FOLLAZ, F 73000 CHAMBERY, FRANCE
(31) Priority Document No	: 02/06197	
(32) Priority Date	: 22.05.2002	
(33) Name of priority country	: FRANCE	
(86) International Application No and Filing Date	: PCT/FR03/01537 : 21.05.2003	(72) Name of the Inventor: MOIREAU PATRICK; POUSSE CHRISTELLE
(87) International Publication No	: WO 03/097551	
(61) Patent of addition to Application No Filed on	: NIL : NIL	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO
(62) Divisional to Application No Filed on	: NIL : NIL	

(57) Abstract:

The invention relates to a sizing composition of a solution comprising less than 5% by weight of solvent and comprising a curable base system, said system comprising at least 50% by weight of a mixture of: one or more components containing at least one isocyanate reactive functional group; one or more components containing at least one hydroxyl reactive functional group; and optionally, one or more components containing at least one amine reactive functional group. A subject of the invention is also the glass strands coated with the aforementioned sizing composition. The glass strands obtained can be used to reinforce organic or inorganic materials.

(FIG.nil)

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01716/KOLNP/2004	A
(22) Date of filing of Application: 11/11/2004	(43) Publication Date: 14/07/2006	

(54) Title of the invention: **PROCESS FOR THE PREPARATION OF MONOHYDROPERFLUORO ALKANES, BIS (PERFLUOROALKYL) PHOSPHINATES AND PERFLUOROALKYPHOSPHONATES**

(51) International classification : C07F 9/30; C07C 17/35, 19/08; C07F 9/54; C07D 233/58	(71) Name of Applicant: MERCK PATENT GMBH. Address of the Applicant: FRANKFURTER STRASSE 250, 6429 DARMSTADT, GERMANY
(31) Priority Document No : 10216995.0; 10220547.7	(72) Name of the Inventor: IGNATYEV NIKOLAI; WEIDEN MICHAEL; WELZ-BIERMANN URS; HEIDER UDO; SARTORI PETER; KUCHERYNA ANDRIY; WILLNER HELGE
(32) Priority Date : 16.04.2002; 08.05.2002	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO
(33) Name of priority country : GERMANY	
(86) International Application No and Filing Date : PCT/EP03/02744 17.03.2003	
(87) International Publication No : WO 03/087111	
(61) Patent of addition to Application No : NIL Filed on : NIL	
(62) Divisional to Application No : NIL Filed on : NIL	

(57) Abstract:

The invention relates to a method for producing monohydro-perfluoroalkanes, bis(perfluoroalkyl)phosphinates, and perfluoroalkylphosphonates, according to which at least one perfluoroalkylphosphorane is treated with at least one base in a suitable reaction medium.

(FIG. nil)

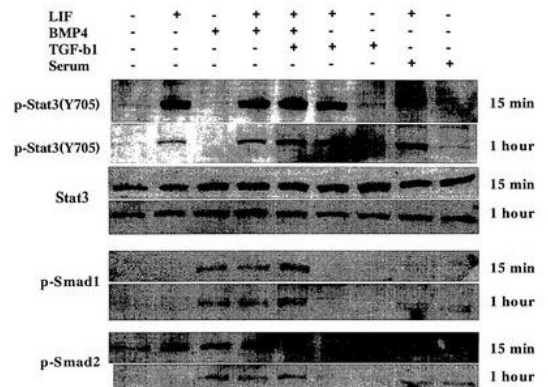
(12) PATENT APPLICATION PUBLICATION	(21) Application No.: 01732/KOLNP/2004	A
(19) INDIA	(43) Publication Date: 14/07/2006	
(22) Date of filing of Application: 16/11/2004		

(54) Title of the invention: CONTROL OF ES CELL SELF RENEWAL AND LINEAGE SPECIFICATION, AND MEDIUM THEREFOR

(51) International classification	: C12N 5/00	(71) Name of Applicant: UNIVERSITY OF EDINBURGH
(31) Priority Document No	: 0210539.3	Address of the Applicant: OLD COLLEGE, SOUTH BRIDGE, EDINBURGH EH8 9YL, GREAT BRITAIN
(32) Priority Date	: 08.05.2002	
(33) Name of priority country	: GREAT BRITAIN	
(86) International Application No and Filing Date	: PCT/GB03/001967 : 08.05.2003	
(87) International Publication No	: WO 03/095628	(72) Name of the Inventor: SMITH AUSTIN GERARD; YING QI-LONG
(61) Patent of addition to Application No Filed on	: NIL : NIL	
(62) Divisional to Application No Filed on	: NIL : NIL	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

Self renewal of pluripotent cells in culture is promoted using a combination of an activator of a signalling pathway downstream of a receptor of the TGF- β superfamily and an activator of a gp130 downstream signalling pathway.



(FIG. 6)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 18/11/2004****(21) Application No.: 01752/KOLNP/2004****A****(43) Publication Date: 14/07/2006**

(54) Title of the invention: HYDRAULIC MOTOR FOR USE IN HIGH-PRESSURE ENVIRONMENT

(51) International classification	: F04C
(31) Priority Document No	: 10/134,557
(32) Priority Date	: 29.04.2002
(33) Name of priority country	: USA
(86) International Application No and Filing Date	: PCT/US03/13119 : 28.04.2003
(87) International Publication No	: WO 03/093677
(61) Patent of addition to Application No	: NIL
Filed on	: NIL
(62) Divisional to Application No	: NIL
Filed on	: NIL

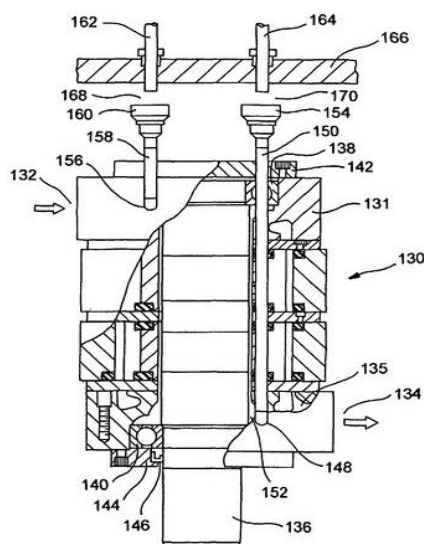
(71) Name of Applicant: CONOCOPHILLIPS COMPANY Address of the Applicant: 600 NORTH DAIRY ASHFORD, HOUSTON, TX 77079, UNITED STATES OF AMERICA
--

(72) Name of the Inventor: HARCLERODE MIKE L

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO
--

(57) Abstract:

A hydraulically operated motor may be located in an atmosphere having substantially high and varying pressure. The motor (130) may be provided with conduits (150, 158) that are in fluid communication with cavities (152) adjacent to the motor bearings (138, 140), so that fluid in the conduits may lubricate the bearings. Lubricating fluid may be introduced to the conduits across an air gap (168, 170) that is in the atmosphere having substantially high and varying pressure, and the fluid may thereby pass through and lubricate the bearings.

**(FIG. 3)**

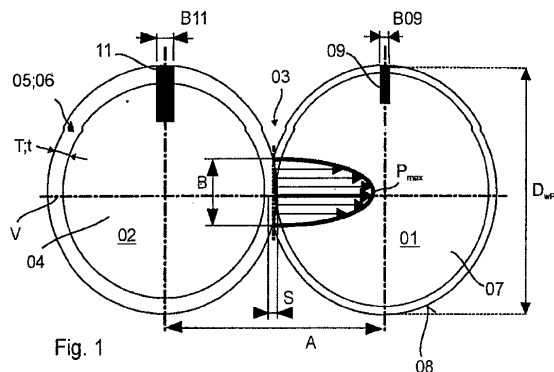
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(71) Name of Applicant: ENDOCYTE, INC.
Address of the Applicant: 1205 KENT AVENUE,
WEST LAFAYETTE, IN 47906, UNITED
STATES OF AMERICA

(72) Name of the Inventor: LU, YINGJUAN

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

An improved method is provided for treating disease states characterized by the existence of pathogenic cell populations. In accordance with the improved method cell-targeted ligand-immunogen or ligand-hapten complexes are administered to a diseased host to redirect the host immune response to the pathogenic cells which have an accessible binding site for the ligand. The method comprises the step of administering to the host a ligand-immunogen or ligand-hapten conjugate composition comprising a complex of the ligand and the immunogen or hapten wherein the immunogen/hapten is recognized by an endogenous antibody in the host or directly by an immune cell in the host. The improvement to the method comprises the step of using a T_H 1-biasing adjuvant to enhance the immune response to cell-bound ligand-immunogen or ligand-hapten conjugates.



(FIG. 1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 18/11/2004

(21) Application No.: 01754/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: **COVERING ON A ROLLER, ARRANGEMENTS OF THE ROLLER WITH A SECOND ROLLER AND PRINTING UNITS OF A PRINTING MACHINE WITH THE ROLLER**

(51) International classification : B41N
(31) Priority Document No : 10217402.4;
10237205.5
(32) Priority Date : 18.04.2002;
14.08.2002
(33) Name of priority country : GERMANY
(86) International Application No and
Filing Date : PCT/DE03/01157
: 09.04.2003
(87) International Publication No : WO 03/086774
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

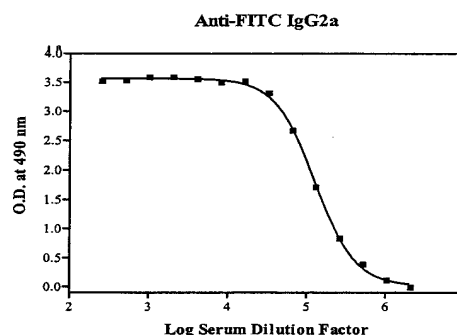
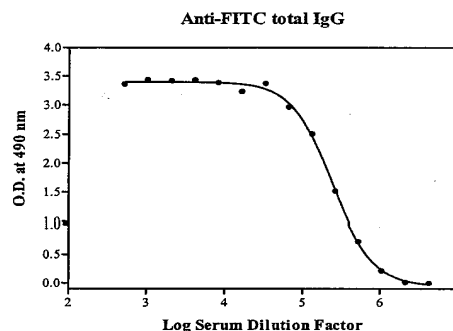
(71) Name of Applicant: KOENIG & BAUER
AKTIENGESELLSCHAFT
Address of the Applicant: FRIEDRICH-
KOENIG-STR.4, 97080 WURZBURG,
GERMANY

(72) Name of the Inventor: CHRISTEL, RALF;
SCHASCHEK, KARL, ERICH, ALBERT

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

A blanket located on the outer surface of a roller, e.g. of a printing unit roller, comprises an elastic and/or compressible layer with a surface pressure that depends on the degree of an impression. The layer is designed so that a dependency of the surface pressure on the impression has, at least in areas, a slope of less than 700 (N/cm²)/mm.



(FIG.) 1

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01760/KOLNP/2004	A
(22) Date of filing of Application: 19/11/2004	(43) Publication Date: 14/07/2006	

(54) Title of the invention: PROCESS FOR CHLORINATING TERTIARY ALCOHOLS

(51) International classification	: C07C 217/54	(71) Name of Applicant: GRUNENTHAL GMBH
(31) Priority Document No	: 10218862.9	Address of the Applicant: ZIEGIERSTRASSE6,
(32) Priority Date	: 26.04.2002	52078 ASCHEN, GERMANY
(33) Name of priority country	: GERMANY	
(86) International Application No and	: PCT/EP03/04213	(72) Name of the Inventor: BUSCHMANN,
Filing Date	: 23.04.2003	HELMUT; HELL, WOLFGANG; KEGEL,
(87) International Publication No	: WO 03/091199	MARKUS
(61) Patent of addition to Application No	: NIL	Filed U/S 5(2) before The Patents (Amendment)
Filed on	: NIL	Act, 2005: NO
(62) Divisional to Application No	: NIL	
Filed on	: NIL	

(57) Abstract:

The present invention relates to a process for converting a tertiary OH group of an organic compound into a tertiary Cl group of the organic compound by using a solvent selected from the group comprising toluene, o-xylene, m-xylene, p-xylene and mixtures thereof, and thionyl chloride as the chlorinating agent.

(FIG. nil)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 22/11/2004**

(21) **Application No.: 01762/KOLNP/2004**

A

(43) **Publication Date: 14/07/2006**

(54) **Title of the invention: AUTOMATED SYSTEM FOR ISOLATING, AMPLIFYING AND DETECTING A TARGET NUCLEIC ACID SEQUENCE**

(51) International classification	:	C12N
(31) Priority Document No	:	60/380859
(32) Priority Date	:	17.05.2002
(33) Name of priority country	:	USA
(86) International Application No and Filing Date	:	PCT/US03/15602 19.05.2003
(87) International Publication No	:	WO 03/097808
(61) Patent of addition to Application No	:	NIL
Filed on	:	NIL
(62) Divisional to Application No	:	NIL
Filed on	:	NIL

(71) **Name of Applicant: BECTON DICKINSON AND COMPANY**

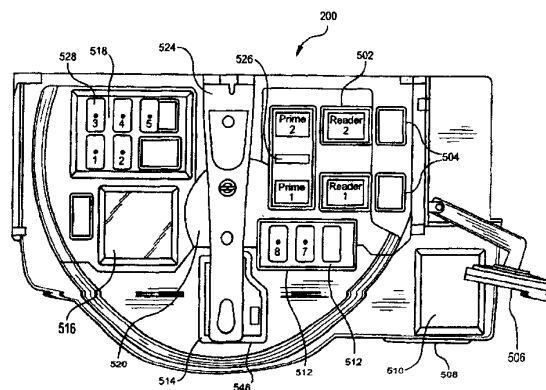
**Address of the Applicant: 1 BECTON DRIVE,
FRANKLIN LAKES, NEW JERSEY 07417-1880,
UNITED STATES OF AMERICA**

(72) **Name of the Inventor: FORT THOMAS;
COLLIS MATHEW; THOMAS BRADLEY;
HANSEN TIMOTHY**

**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO**

(57) Abstract:

A system and method for preparing and testing of targeted nucleic acids is presented. The system integrates a pipetter (522), extractor (516), assay reader (502), and other components, including a selectively compliant articulated robot arm (SCARA) (524). This synergistic integration of previously separate diagnostic tools creates a system and method whereby a minimum of human intervention is required. The resulting system provides a substantially more accurate and precise method of isolating, amplifying and detecting targeted nucleic acids for diagnosing diseases.



(FIG. 3)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 22/11/2004

(21) Application No.: 01767/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: FIBER FORMING BUSHING ASSEMBLY HAVING FLANGE SUPPORT

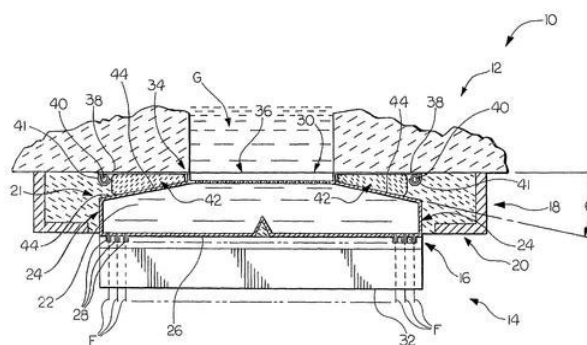
(51) International classification : C03B 37/08
(31) Priority Document No : 10/160,774
(32) Priority Date : 31.05.2002
(33) Name of priority country : USA
(86) International Application No and Filing Date : PCT/US03/14620
(87) International Publication No : WO 03/101901
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of Applicant: OWENS CORNING
Address of the Applicant: ONE OWENS
CORNING PARKWAY, TOLEDO, OH 43659,
UNITED STATES OF AMERICA
(72) Name of the Inventor: SULLIVAN TIMOTHY A;
BEMIS BYRON L.

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

A fiber forming bushing assembly (14) comprises a bushing (16) and a support (42). The bushing includes a bushing body (21) and a flange (34). The bushing body is defined at least in part by a throat (30) and a side wall (24) beneath the throat. The side wall has an upper portion (44). The flange extends from the throat. The support (42) is positioned between the flange (34) and an upper portion of the side wall (24). The support (42) is formed of a ceramic material.



(FIG. 2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 23/11/2004

(21) Application No.: 01778/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: **DIGITAL AUDIO BROADCASTING METHOD AND APPARATUS USING COMPLEMENTARY PATTERN-MAPPED CONVOLUTIONAL CODES**

(51) International classification : H03M 13/23
(31) Priority Document No : 10/138,898
(32) Priority Date : 03.05.2002
(33) Name of priority country : USA
(86) International Application No and Filing Date : PCT/US03/12224 : 21.04.2003
(87) International Publication No : WO 03/094359
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

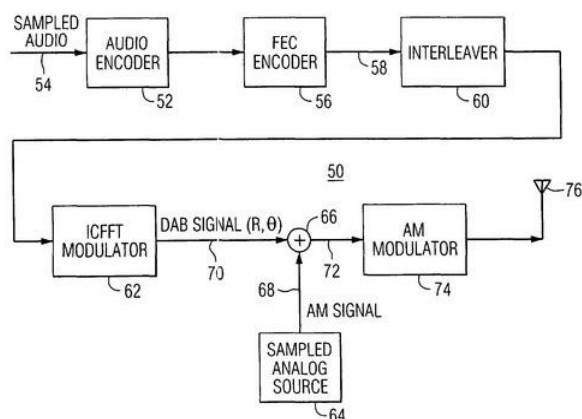
(71) Name of Applicant: **IBIQUITY DIGITAL CORPORATION**
Address of the Applicant: **SUITE 202, 8865 STANDFORD BOULEVARD, COLUMBIA, MD 21045, UNITED STATES OF AMERICA**

(72) Name of the Inventor: **KROEGER BRIAN**

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A method of transmitting digital information uses the steps of forward error correction coding (56) a plurality of bits of digital information (54) using complementary pattern-mapped convolutional codes, modulating (62) a plurality of carrier signals with the forward error correction coded bits, and transmitting (76) the modulated carrier signals. The modulation can include the step of independently amplitude shift keying the in-phase and quadrature components of the QAM constellation using Gray codes corresponding to amplitude levels. Receivers for such signals are also described.



(FIG. 3)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 24/11/2004

(21) Application No.: 01781/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: **DISTRIBUTING ELEMENT FOR ELECTROLYTE PERCOLATION ELECTROCHEMICAL CELL**

(51) International classification : C25B 9/00
(31) Priority Document No : MI2002A 001203
(32) Priority Date : 04.06.2002
(33) Name of priority country : ITALY
(86) International Application No and Filing Date : PCT/EP03/05709 : 30.05.2003
(87) International Publication No : WO 03/102271
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

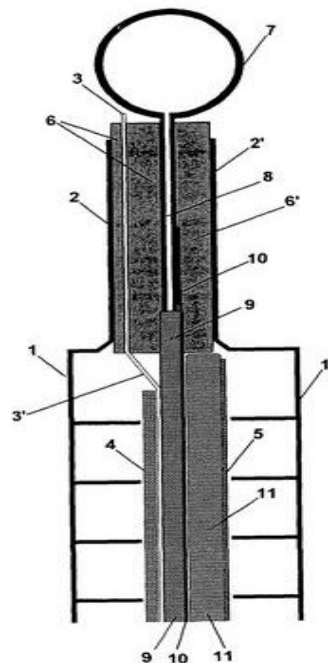
(71) Name of Applicant: DE NORA ELETTRODI S.P.A.
Address of the Applicant: VIA DEI CANZI, I 20134 MILAN, ITALY

(72) Name of the Inventor: DARIO OLDANI;
ANTONIO PAQUINUCCI

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A distributing element for an electrolyte percolating-type electrochemical cell comprises an external feeding manifold (7) and an assembly formed by a gas diffusion electrode (10), a percolator (9) and optionally an ion-exchange membrane (3'). The element is particularly suitable for chlor-alkali electrolysis cells and alkaline fuel cells. It is also disclosed a method for retrofitting membrane electrochemical cells by inserting the distributing element of the invention therein.



(FIG. 2)

(43) **Publication Date:** 14/07/2006

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

13212

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01723/KOLNP/2004	A
(22) Date of filing of Application: 16/11/2004	(43) Publication Date: 14/07/2006	

(54) Title of the invention: PROCESS FOR THE PREPARATION OF NITRIDES

(51) International classification	: G06F	(71) Name of Applicant:	
(31) Priority Document No	: 102 18 409.7	MERCK PATENT GMBH	
(32) Priority Date	: 24.04.2002	Address of the Applicant:	
(33) Name of priority country	: GERMANY	FRANKFURTER STRASSE 250, 64293	
(86) International Application No and Filing Date	: PCT/EP03/04195 : 23.04.2003	DARMSTADT, GERMANY	
(87) International Publication No	: WO 03/091822	(72) Name of the Inventor: WINKLER, Holger;	
(61) Patent of addition to Application No	: NA	KINSKI, Isabel; RIEDEL, Ralf	
Filed on	: NA	Filed U/S 5(2) before The Patents (Amendment)	
(62) Divisional to Application No	: NA	Act, 2005: NO	
Filed on	: NA		

(57) Abstract:

The present invention relates to a process for the preparation of nitrides of the formula $Ga_{1-x}In_xN$, where $0.01 \leq x \leq 1$, in which one or more compounds of general formula $M(NR_2)_3$, where all R, independently of one another, are H, linear or branched $-C_{1-8}$ -alkyl or $-SiR^x_2$, R^x is linear or branched $-C_{1-8}$ -alkyl, and M is Ga, In or $Ga_{1-x}In_x$, are reacted with ammonia where the one or more compounds $M(NR_2)_3$ are selected in such a way that the ratio $1-x$ Ga to x In is also applies in these compounds.

(FIG.nil)

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01803/KOLNP/2004	A
(22) Date of filing of Application: 29/11/2004	(43) Publication Date: 14/07/2006	

(54) **Title of the invention: ANTIMICROBIAL WALLBOARD**

(51) International classification	: E04C 2/04	(71) Name of Applicant: MICROBAN PRODUCTS COMPANY
(31) Priority Document No	: 60/387,000	Address of the Applicant: 11515 VANSTORY DRIVE, SUITE 125, HUNTERSVILLE, NC 28078, UNITED STATES OF AMERICA
(32) Priority Date	: 07.06.2002	
(33) Name of priority country	: USA	
(86) International Application No and Filing Date	: PCT/US03/17749 : 06.06.2003	
(87) International Publication No	: WO 03/104583	(72) Name of the Inventor: PAYNE STEPHEN A; SWOFFORD HOWARD WAYNE; DRAKE KEVIN DEAN
(61) Patent of addition to Application No Filed on	: NIL : NIL	
(62) Divisional to Application No Filed on	: NIL : NIL	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A gypsum wallboard that exhibits antimicrobial characteristics is disclosed. A method for making the wallboard is also disclosed. Suitable antimicrobial agents that may be applied to the wallboard or any components thereof include propiconazole, sodium pyrithione, tolyl diiodomethyl sulfone; tebuconazole; thiabendazole; 3-iodo-2-propynyl butylcarbamate; and mixture thereof.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 29/11/2004

(21) Application No.: 01812/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: APPLICATION GENERATOR

(51) International classification : G06F 9/45
(31) Priority Document No : 10/147,833
(32) Priority Date : 17.05.2002
(33) Name of priority country : USA
(86) International Application No and Filing Date : PCT/US03/14968 : 13.05..2003
(87) International Publication No : WO 03/100609
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

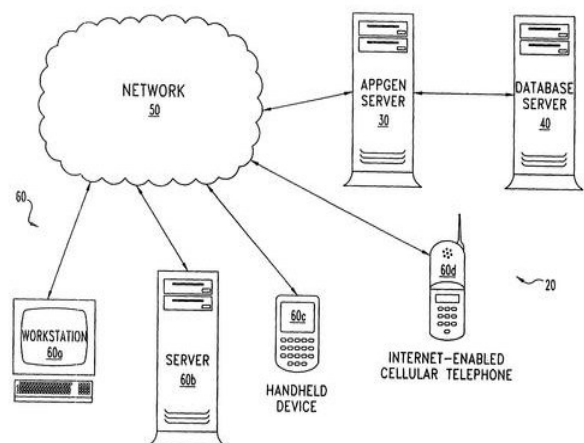
(71) Name of Applicant: SIMDESK TECHNOLOGIES INC.
Address of the Applicant: 6510 W. SAM HOUSTON PARKWAY NORTH, SUITE 100, HOUSTON TX 77041, UNITED STATES OF AMERICA

(72) Name of the Inventor: KOUZNETSOV ALEXANDER; DAVIS RAY; ZHAN HELI ZHU; CHO MARK SANG; HARGRAVES EDWARD RAY; KASIM SAQIB

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A method and system are provided for the creation and use of custom-configured, database-backed, remotely accessible applications. Users of client devices (60) access an application generator server (30) via a network (50), providing configuration for a requested application. Through direct communication with the server (30), off-line use of an application or script, or by following a server-generated link, remote users execute the application subject to data type, formatting, and display characteristics and/or constraints provided in the application configuration information. Other applications hosted on the client device, server, or on another server (in communication with the application generator server) can exchange data with the generated application.



(FIG. 1)

(12) PATENT APPLICATION PUBLICATION	(21) Application No.: 01815/KOLNP/2004	A
(19) INDIA	(43) Publication Date: 14/07/2006	
(22) Date of filing of Application: 30/11/2004		

(54) Title of the invention: MODIFIED POLYMERIC FILMS

(51) International classification	: C08L 1/28	(71) Name of Applicant: BIOPROGRESS TECHNOLOGY INTERNATIONAL, INC.
(31) Priority Document No	: 0210859.5	Address of the Applicant: 9055 HUNTCLIFF TRACE, ATLANTA, GA 30350, UNITED STATES OF AMERICA
(32) Priority Date	: 13.05.2002	
(33) Name of priority country	: GREAT BRITAIN	
(86) International Application No and Filing Date	: PCT/GB03/01996 : 12.05.2003	
(87) International Publication No	: WO 03/095548	(72) Name of the Inventor: AYERS VICTORIA JANE; TECKOE JASON; NOWAK EDWARD ZBYGNIEW
(61) Patent of addition to Application No Filed on	: NIL : NIL	
(62) Divisional to Application No Filed on	: NIL : NIL	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A hydroxypropyl methyl cellulose film comprises hydroxypropyl methyl cellulose plasticised with a plasticiser comprising an organic acid or a salt of an organic acid, preferably lactic acid, or an alcohol or salt of an alcohol. The film is safe for human consumption and finds use as a wall material of an ingestible delivery capsule, e.g. containing a dose of a pharmaceutical preparation.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 30/11/2004

(21) Application No.: 01818/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: PHARMACEUTICAL COMPOSITION FOR LOWERING BLOOD GLUCOSE AND BLOOD CHOLESTEROL LEVELS

(51) International classification : A61K 31/7048
(31) Priority Document No : 60/378,716
(32) Priority Date : 06.05.2002
(33) Name of priority country : USA
(86) International Application No and Filing Date : PCT/US03/13487 : 28.04.2003
(87) International Publication No : WO 03/094928
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

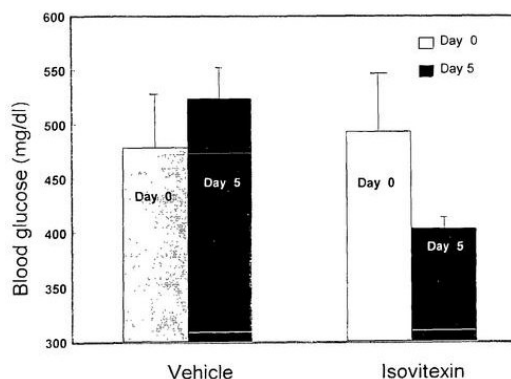
(71) Name of Applicant: DIAKRON
PHARMACEUTICALS INC.
Address of the Applicant: 4570 EXECUTIVE
DRIVE, SUITE 100, SAN DIEGO CA 92121,
UNITED STATES OF AMERICA

(72) Name of the Inventor: BIBBS JEFF; RAO
SRIRAMA

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: YES

(57) Abstract:

Methods of treating a mammal with high blood-glucose, or high blood-cholesterol, levels with isovitexin, and pharmaceutical compositions comprising the same are disclosed.



(FIG. 1)

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01819/KOLNP/2004	A
(22) Date of filing of Application: 30/11/2004	(43) Publication Date: 14/07/2006	

(54) Title of the invention: PROCESS FOR THE EPOXIDATION OF OLEFINS

(51) International classification	: C07D 301/12	(71) Name of Applicant: DEGUSSA AG & UHDE GMBH
(31) Priority Document No	: 02009869.5	Address of the Applicant: BENNIGSENPLATZ 1, 40474 DUSSELDORF, GERMANY & FRIEDRICH UHDE STRASSE 15, 44141 DORTMUND, GERMANY
(32) Priority Date	: 02.05.2002	
(33) Name of priority country	: EUROPE	
(86) International Application No and Filing Date	: PCT/EP03/04442 : 29.04.2003	
(87) International Publication No	: WO 03/093255	
(61) Patent of addition to Application No Filed on	: NIL : NIL	(72) Name of the Inventor: BERGES JOSE; BRASSE CLAUDIA; EICKHOFF HUBERTUS; HAAS THOMAS; HOFEN WILLI; KAMPEIS PERCY; MOROFF GERALD; POHL WERNER; STOCHNIOL GUIDO; THIELE GEORG; ULLRICH NORBERT; WOELL WOLFGANG
(62) Divisional to Application No Filed on	: NIL : NIL	
		Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The present invention relates to a process for the epoxidation of olefins by i) reacting an olefin with hydrogen peroxide in presence of an epoxidation catalyst and an alcoholic solvent; ii) separating product olefin oxide and unreacted olefin from the reaction product of step i); iii) recovering a stream comprising the alcoholic solvent, characterized by iv) subjecting the recovered stream of step iii) to hydrogenation.

(FIG.NIL)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 01/12/2004

(21) Application No.: 01821/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: MOUNTING DEVICE FOR A CABLE CUP

(51) International classification : E21F 13/00
(31) Priority Document No : GM 369/2002
(32) Priority Date : 10.06.2002
(33) Name of priority country : AUSTRIA
(86) International Application No and Filing Date : PCT/AT03/00134 : 09.05.2003
(87) International Publication No : WO 03/104614
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of Applicant: WIEN KANAL-
ABWASSTERTECHNOLOGIEN GESMBH
Address of the Applicant:
MODECENTERSTRASSE 14, BLCOK C, A
1030 WIEN, AUSTRIA

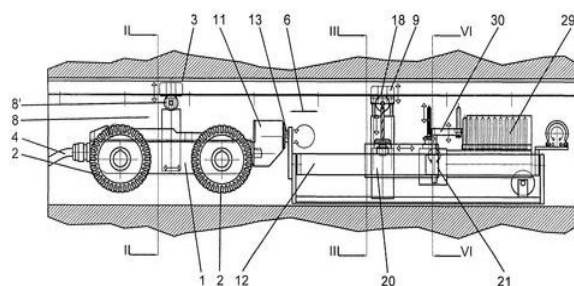
(72) Name of the Inventor: KUBEL JOHANN;
KADRNOSKA HELMUT; REISS GERHARD

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

In order to make it possible to secure a cable cup (9) in an optimal location on the wall of an inaccessible duct (3), in which above all inlets into the duct are not obstructed, the present invention proposes a mounting device that comprises a carriage (1) that is movable in the longitudinal direction (6) of the duct, on which there is supporting unit (8) for the cable cup (9) that can be moved toward the wall of the duct. The carriage (1) is pivotably connected to a support (12) through a shaft (13) that runs in the longitudinal direction of the duct, there being a directing unit (17) that supports the cable cup (9) and is movable toward the wall of the duct, a drilling device (22) that is movable in the longitudinal direction of the duct, and a screwdriver device (23) that is movable in the longitudinal direction of the duct on said shaft (13). By pivoting the support (12) and thus the directing unit (17), the cable cup (9) that is supported on this directing unit (17) is fixed in the desired position on the wall of the duct, whereupon a hole is drilled through the cable cup (9) and into the wall of the duct by the drilling device (22) and a screw is screwed into this hole by the screwdriver device (23).

(FIG. 1)



(12) PATENT APPLICATION PUBLICATION	(21) Application No.: 01828/KOLNP/2004	A
(19) INDIA	(43) Publication Date: 14/07/2006	
(22) Date of filing of Application: 01/12/2004		

(54) Title of the invention: METHODS TO ADMINISTER EPOTHILONE D

(51) International classification	: A61K 31/427	(71) Name of Applicant: KOSAN BIOSCIENCES, INC.
(31) Priority Document No	: 60/382,166	Address of the Applicant: 3832 BAY CENTER PLACE, HAYWARD, CA 94545, UNITED STATES OF AMERICA
(32) Priority Date	: 20.05.2002	
(33) Name of priority country	: USA	
(86) International Application No and Filing Date	: PCT/US03/17921 : 20.05.2003	
(87) International Publication No	:	(72) Name of the Inventor: JOHNSON JR. ROBERT G; SHERRILL MICHAEL; HANNAH ALISON
(61) Patent of addition to Application No	: NIL	
Filed on	: NIL	
(62) Divisional to Application No	: NIL	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO
Filed on	: NIL	

(57) Abstract:

Method to deliver epothilone D to subjects having tumorigenic diseases are provided. In some embodiments, the invention provides methods for treating tumor-bearing subjects with an intravenous infusion of epothilone D at least once about every seven days throughout a delivery period of about twenty-one consecutive day period.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01829/KOLNP/2004	A
(22) Date of filing of Application: 01/12/2004	(43) Publication Date: 14/07/2006	

(54) Title of the invention: INFANT FORMULA COMPOSITIONS CONTAINING LUTEIN AND ZEAXANTHIN

(51) International classification : A61K 31/045 (31) Priority Document No : 60/386,351 (32) Priority Date : 06.06.2002 (33) Name of priority country : USA (86) International Application No and Filing Date : PCT/US03/17590 (87) International Publication No : WO 03/103646 (61) Patent of addition to Application No : NIL Filed on : NIL (62) Divisional to Application No : NIL Filed on : NIL	(71) Name of Applicant: WYETH Address of the Applicant: FIVE GIRALDA FARMS, MADISON, NJ 07940, UNITED STATES OF AMERICA (72) Name of the Inventor: ZIMMER JOHN PAUL Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO
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(57) Abstract:

Infant formula compositions are provided which comprise lutein and zeaxanthin.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 02/12/2004

(21) Application No.: 01834/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: MESSAGE PROCESSING BASED ON ADDRESS PATTERNS AND AUTOMATED MANAGEMENT AND CONTROL OF CONTACT ALIASES

(51) International classification : G06F 15/16
(31) Priority Document No : 60/383,566
(32) Priority Date : 28.05.2002
(33) Name of priority country : USA
(86) International Application No and Filing Date : PCT/US03/16745 : 28.05.2003
(87) International Publication No : WO 03/100640
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

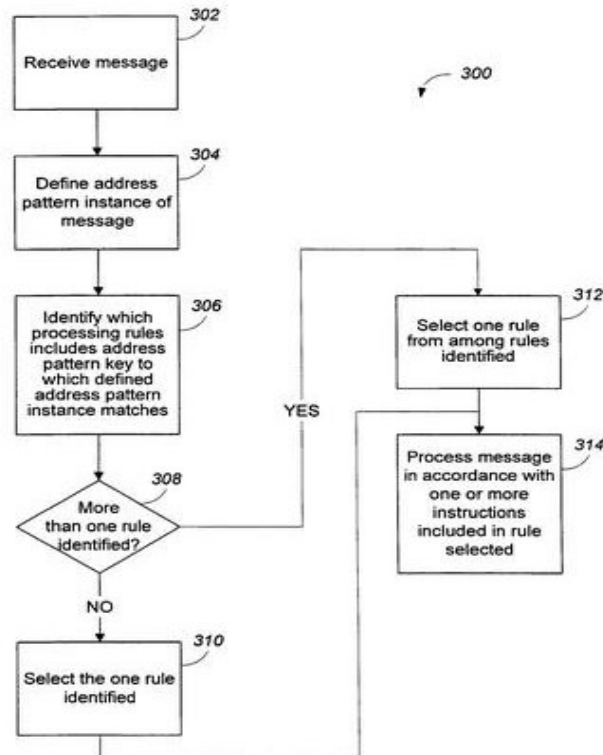
(71) Name of Applicant: TEAGUE, ALAN, H.
Address of the Applicant: 660 4TH STREET,
SUITE 192, SAN FRANCISCO, CALIFORNIA
94107, UNITED STATES OF AMERICA

(72) Name of the Inventor: TEAGUE ALAN H

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

Methods and apparatus, including computer program products, for message processing based on address patterns. The invention provides a method for processing messages. The method includes maintaining rules, each rule includes an address pattern key and processing instructions. An address pattern key is an expression that specifies one or more address pattern instances. The method includes receiving a first message (302), the first message including address information associated with the sender and the intended recipient of the first message. The method includes defining an address pattern instance of the first message (304), an address pattern instance of a message being a combination of address information associated with a sender and an intended recipient of the message. The method includes selecting a rule that includes an address pattern key with which the defined address pattern instance matches (306), and processing the first message in accordance to the instructions included in the rule selected (314).



(FIG. 3)

(12) PATENT APPLICATION PUBLICATION (19) INDIA (22) Date of filing of Application: 02/12/2004	(21) Application No.: 01835/KOLNP/2004 (43) Publication Date: 14/07/2006	A
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(54) Title of the invention: METHOD OF ENHANCING THE ACTIVITY OF FCC CATALYSTS

(51) International classification : B01J 29/08; C10G 11/05 (31) Priority Document No : 10/158,107 (32) Priority Date : 31.05.2002 (33) Name of priority country : USA (86) International Application No and Filing Date : PCT/US03/15745 20.05.2003 (87) International Publication No : WO 03/101614 (61) Patent of addition to Application No : NIL Filed on : NIL (62) Divisional to Application No : NIL Filed on : NIL	(71) Name of Applicant: ENGELHARD CORPORATION Address of the Applicant: 101 WOOD AVENUE, P.O. BOX 770, ISELIN, NJ 08830-0770, UNITED STATES OF AMERICA (72) Name of the Inventor: HURLEY MICHAEL T. Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO
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(57) Abstract:

An additive to enhance the activity of an FCC catalyst containing zeolite and matrix components comprises zeolite microspheres having a novel morphology comprising a macroporous matrix and crystallized zeolite freely coating the walls of the pores of the matrix. The additives formed from microspheres containing a metakaolin and kaolin calcined through its exotherm, the latter calcined kaolin being derived from a kaolin having a high pore volume. Kaolin having a high pore volume can be a pulverized ultrafine kaolin or a kaolin which has been pulverized to have an incipient slurry point less than 57% solids.

(FIG.nil)

(12) PATENT APPLICATION PUBLICATION	(21) Application No.: 01859/KOLNP/2004	A
(19) INDIA	(43) Publication Date: 14/07/2006	
(22) Date of filing of Application: 06/12/2004		

(54) Title of the invention: METHOD OF DEWATERING PULP

(51) International classification	: D21H 17/03, 21/10	(71) Name of Applicant: NALCO COMPANY
(31) Priority Document No	: 10/174,230	Address of the Applicant: 1601 W. DIEHL
(32) Priority Date	: 18.06.2002	ROAD, NAPERVILLE, IL 60563-1198, UNITED
(33) Name of priority country	: USA	STATES OF AMERICA
(86) International Application No and	: PCT/US03/08689	(72) Name of the Inventor: FURMAN GARY S. JR.;
Filing Date	: 21.03.2003	SVARZ JAMES J.
(87) International Publication No	: WO 03/106766	Filed U/S 5(2) before The Patents (Amendment)
(61) Patent of addition to Application No	: NIL	Act, 2005: NO
Filed on	: NIL	
(62) Divisional to Application No	: NIL	
Filed on	: NIL	

(57) Abstract:

A method of dewatering an aqueous cellulosic pulp slurry comprising adding to an aqueous slurry of washed cellulosic pulp an effective dewatering amount of a mixture of one or more nonionic surfactants and one or more anionic surfactants.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 07/12/2004

(21) Application No.: 01876 /KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: OSMOTIC DELIVERY SYSTEM WITH EARLY ZERO ORDER PUSH POWER ENGINE COMPRISING AN OSMOTIC AGENT DISPERSED IN THE FLUID VEHICLE

(51) International classification : A61K 9/00
(31) Priority Document No : 60/389,509
(32) Priority Date : 17.06.2002
(33) Name of priority country : U.S.A.
(86) International Application No and Filing Date : PCT/US03/18953 : 17.06.2003
(87) International Publication No : WO 03/105803
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

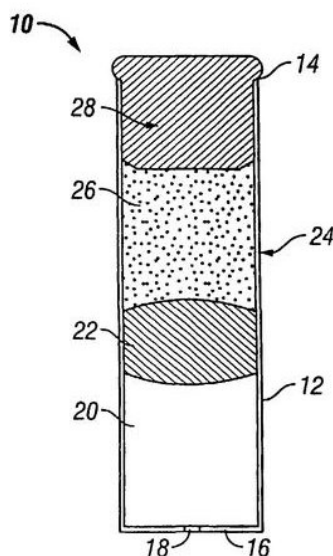
(71) Name of Applicant: ALZA CORPORATION
Address of the Applicant: 1900 CHARLESTON ROAD, M10-3, (P.O. BOX 7210), MOUNTAIN VIEW, CA 94039-7210, UNITED STATES OF AMERICA

(72) Name of the Inventor: FEREIRA PAMELA J;
BERRY STEPHEN A

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The present invention is directed to an osmotic engine useful in an osmotic delivery system for delivery of a beneficial agent in a controlled manner over a pre-selected administration period. By including a flowable engine comprising at least one osmotic agent and at least one fluid vehicle, the resulting osmotic engine reaches zero order push power or push rate quickly and provides steady delivery of the beneficial agent.



(FIG. 1)

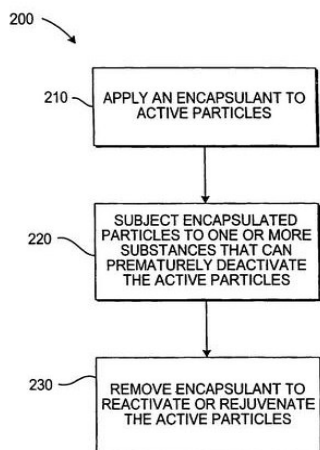
(12) PATENT APPLICATION PUBLICATION (19) INDIA (22) Date of filing of Application: 07/12/2004	(21) Application No.: 01877 /KOLNP/2004 (43) Publication Date: 14/07/2006
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(54) **Title of the invention: ENCAPSULATED ACTIVE PARTICLES AND METHODS FOR MAKING AND USING THE SAME**

(51) International classification : B01D 53/04 (31) Priority Document No : 60/388,678 (32) Priority Date : 12.06.2002 (33) Name of priority country : U.S.A. (86) International Application No and Filing Date : PCT/US03/18854 : 12.06.2003 (87) International Publication No : WO 03/105996 (61) Patent of addition to Application No Filed on : NIL : NIL (62) Divisional to Application No Filed on : NIL : NIL	(71) Name of Applicant: TRAPTEK LLC. Address of the Applicant: 1830 BOSTON AVENUE, SUITE D, LONGMONT, COLORADO 80501, UNITED STATES OF AMERICA (72) Name of the Inventor: HAGGQUIST GREGORY W Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO
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(57) Abstract:

The invention relates to preserving the properties of active particles through use of an encapsulant which may be removable. The encapsulant may protect the active particles against premature deactivation. If desired, the encapsulant may be removed to rejuvenate the active particles. Various processes can be implemented to introduce encapsulated particles to embedding substances which may be used in various products.



(FIG. 2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 07/12/2004

(21) Application No.: 01878/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: AUDIO-VISUAL SYSTEM FOR SETTING UP TWO-WAY COMMUNICATION BETWEEN A FIRST SCENE AND A SECOND SCENE

(51) International classification : H04N 7/14
(31) Priority Document No : 02/07881
(32) Priority Date : 25.06.2002
(33) Name of priority country : FRANCE
(86) International Application No and Filing Date : PCT/FR03/001846 : 18.06.2003
(87) International Publication No : WO 04/002152
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of Applicant: FRANCE TELECOM

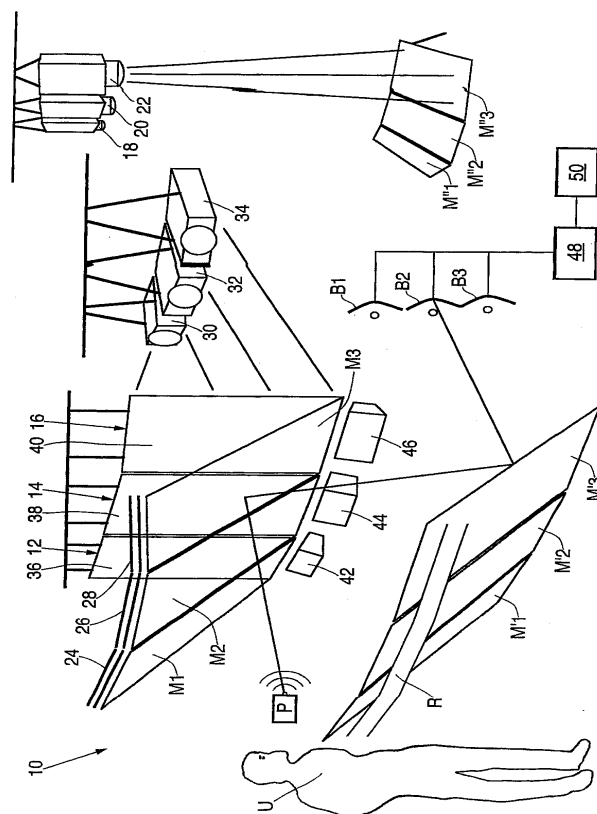
Address of the Applicant: 6, PLACE
D'ALLERAY, F-75015 PARIS, FRANCE

(72) Name of the Inventor: BUCHNER GEORGES;
GACHIGNARD OLIVIER

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

The invention concerns an audio-visual system for setting up two-way communication between a first scene and a second scene remote from each other comprising complementary audio-visual installations (10) respectively equipping said scenes and including each image recording means (18, 20, 22), sound recording means (24, 26, 28), image reproduction means (30, 32, 34, 36, 38, 40) and sound reproduction means (42, 44, 46), said installations being mutually connected by a data transmission network for data transmission between said modules. Each audio-visual installation is further equipped with at least a terminal (B1, B2, B3) for data transmission adapted to communicate with a portable apparatus (P) of a user of the system and connected to a processing unit (50) connected to the data transmission network received by the terminal to a corresponding terminal of the remote installation.



(FIG. 1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 08/12/2004****(21) Application No.: 01880/KOLNP/2004****A****(43) Publication Date: 14/07/2006**

(54) Title of the invention: SYSTEM FOR FIXING A PANEL OF FRAGILE MATERIAL

(51) International classification	: E06B 3/54
(31) Priority Document No	: 02/07540
(32) Priority Date	: 19.06.2002
(33) Name of priority country	: FRANCE
(86) International Application No and Filing Date	: PCT/FR03/001853 : 18.06.2003
(87) International Publication No	: WO 04/001171
(61) Patent of addition to Application No Filed on	: NIL : NIL
(62) Divisional to Application No Filed on	: NIL : NIL

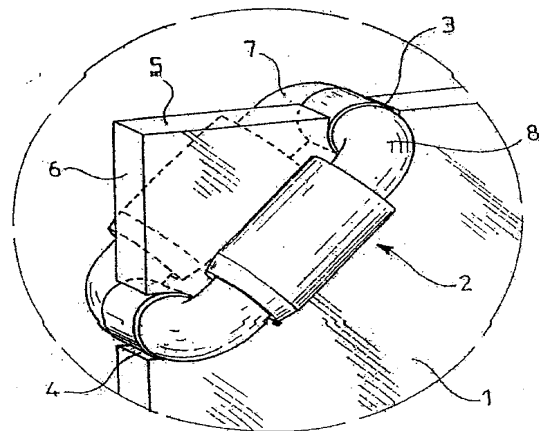
(71) Name of Applicant: SAINT GOBAIN GLASS FRANCE Address of the Applicant: 18 AVENUE D'ALSACE, F-92400 COURBEVOIE, FRANCE

(72) Name of the Inventor: (1) LE BOT PIERRE (2) NUGUE JEAN-CLEMENT
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Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO
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(57) Abstract:

A fixing system (2) for fixing a panel (1) of fragile material to a bearing structure, comprising at least one point fastener (7,8) engaging with at least one first contact region (3, 4) produced in the panel, characterized in that said point fastener (7, 8) comprises a first anchoring part at a first contact region (3) and a second anchoring part at a second contact region (4) situated on the panel (1), the first and second anchoring parts being, on the one hand, connected by at least one adjusting device (15, 16) designed to bring the first and second anchoring parts to bear against the first and second contact regions (3, 4) respectively and, on the other hand, situated in the plane of the panel (1).

**(FIG.2)**

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 08/12/2004

(21) Application No.: 01886/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: SUCTION CATHETER

(51) International classification : A61B 17/00
(31) Priority Document No : 2002-225419
(32) Priority Date : 01.08.2002
(33) Name of priority country : JAPAN
(86) International Application No and Filing Date : PCT/JP03/009518
(87) International Publication No : WO 04/012604
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

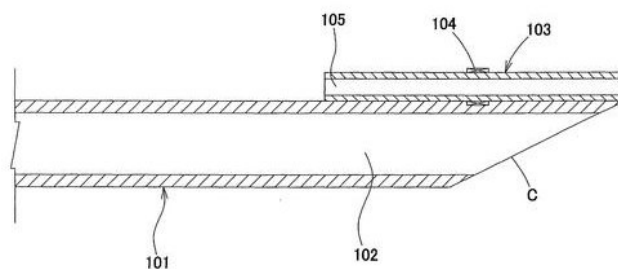
(71) Name of Applicant: KANEKA CORPORATION
Address of the Applicant: 2-4, NAKANOSHIMA
3-CHOME, KITA-KU, OSAKA-SHI, OSAKA
530-8288, JAPAN

(72) Name of the Inventor: MIKI SHOGO; NISHIDE
TAKUJI; TAKATERA MASAYUKI; HANITA
SAKIKO

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

A suction catheter does not require a major device and has a flexibility enabling the catheter to be adopted for a bent blood vessel as the catheter follows a largest suction lumen and a guide wire, and therefore the catheter can be easily transported to a treatment portion. A suction catheter is structured such that the tip portion of a main shaft is obliquely cut, the tip portion of a guide wire shaft is positioned at the tip most portion of the main shaft or is protectively positioned at a place closer to the tip side of the main shaft than the tip most portion, and the expressions of $0.5 \leq L2/L1$ and $L2 - L1 \leq 5$ mm are simultaneously satisfied with L1 the length at the portion where the main shaft is obliquely cut taken along the longitudinal axis of the catheter and L2 the length from the end on the user side of the guide wire shaft to the tip most portion of the main shaft.



(FIG. 1)

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Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

13230

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01899/KOLNP/2004	A
(22) Date of filing of Application: 10/12./2004	(43) Publication Date: 14/07/2006	

(54) **Title of the invention: METHOD AND MATERIALS FOR ENTITLING COMPACT DISCS**

(51) International classification	: G11B 23/40	(71) Name of Applicant: HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
(31) Priority Document No	: 10/160,825	Address of the Applicant: 20555 S.H. 249, HOUSTON, TX 77070, UNITED STATES OF AMERICA
(32) Priority Date	: 31.05.2002	
(33) Name of priority country	: USA	
(86) International Application No and Filing Date	: PCT/US03/16808 : 27.05.2003	
(87) International Publication No	: WO 03/102952	(72) Name of the Inventor: FIELD MARSHALL
(61) Patent of addition to Application No	: NIL	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO
Filed on	: NIL	
(62) Divisional to Application No	: NIL	
Filed on	: NIL	

(57) Abstract:

A method of marking an optical recording medium is provided. The method includes providing a curable material on a non-data surface of the optical recording medium. An energy source interacts with the curable material to form permanent text and/or images on the optical recording medium. The energy source includes a laser that produces energy at a frequency absorbed by the curable material. The method does not require specialized equipment and allows for increased amounts of information to be marked on the optical recording medium.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01866/KOLNP/2004	A
(22) Date of filing of Application: 06./12./2004	(43) Publication Date: 14/07/2006	

(54) Title of the invention: THERMOSTAT DEVICE

(51) International classification	: F16K 31/68	(71) Name of Applicant:	NIPPON THERMOSTAT CO. LTD.
(31) Priority Document No	: 2003-101696	Address of the Applicant:	59-2, NAKAZATO 6-CHOME, KIYOSE CITY, TOKYO 2040003, JAPAN
(32) Priority Date	: 04.04.2003		
(33) Name of priority country	: JAPAN		
(86) International Application No and Filing Date	: PCT/JP04/000670 : 26.01.2004	(72) Name of the Inventor: INOUE, Fujio	
(87) International Publication No	: WO 2004/090404		
(61) Patent of addition to Application No	: NA		
Filed on	: NA	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO	
(62) Divisional to Application No	: NA		
Filed on	: NA		

(57) Abstract:

A thermostat in which machinability and assembling performance are enhanced while reducing the cost with a minimum necessary number of components, and the entirety of thermostat can be made compact. The thermostat comprises a first valve element (22) for opening/closing a first fluid passage (3b) and a second valve element (23) for opening/closing a second fluid passage (3d), wherein the operation of these valve elements is interlocked with the motion of a working body (21) caused by temperature variation of fluid to open one of the first and second fluid passages and to close the other. The working body is encapsulating a thermal expansion body (32) expanding/contracting in accordance with temperature variation on one end side, and having a case (31) for holding a piston (33) to advance/retract freely from an opening on the other end side. An outward flange part (36) provided at the opening part on the other end side of the case serves as the first valve element.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 10/12./2004

(21) Application No.: 01900/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: HERMETIC COMPRESSOR

(51) International classification : F04B 39/02
(31) Priority Document No : 2003-109274
(32) Priority Date : 14.04.2003
(33) Name of priority country : JAPAN
(86) International Application No and Filing Date : PCT/JP04/005185
(87) International Publication No : WO 04/092586
(61) Patent of addition to Application No : NIL
(62) Divisional to Application No : NIL
Filed on : NIL
Filed on : NIL

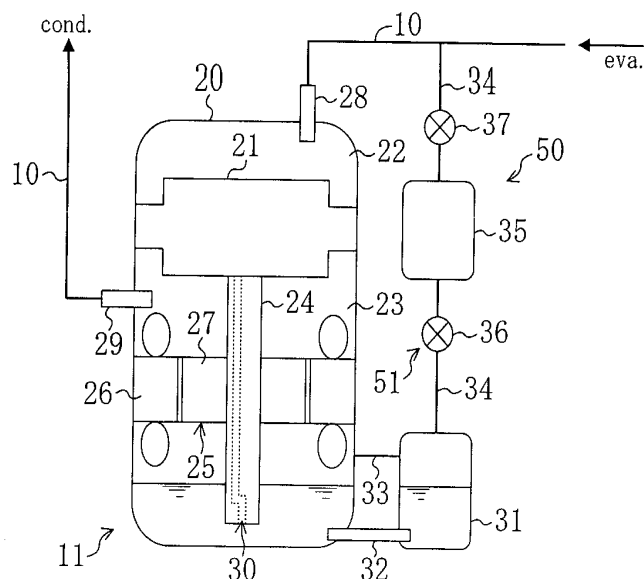
(71) Name of Applicant: DAIKIN INDUSTRIES LTD.
Address of the Applicant: UMEDA CENTER BUILDING, 4-12 NAKAZAKI NISHI 2-CHOME, KITA KU, OSAKA SHI, OSAKA 530 8323, JAPAN

(72) Name of the Inventor: KATSUMI HIROOKA; TAKESHI HIKAWA

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A high-pressure chamber (23) in a casing (20) is communicated at the bottom with a liquid storage container (31). A communication tube (34) is connected at its one end to the upper end of the liquid storage container (31) and at the other end to a suction tube (28). In the middle of the communication tube (34) are provided a gas container (35) and a first and a second solenoid valve (36, 37). When the first solenoid valve (36) is closed and the second solenoid valve (37) is opened, the gas container (35) is communicated with the suction tube (28) to reduce the pressure in the gas container (35). After that, the first solenoid valve (36) is opened and the second solenoid valve (37) is closed, so that the gas container (35) is communicated with the liquid storage container (31) to reduce the pressure in the liquid storage container (31). Then the pressure of a lubricant oil in the liquid storage container (31) is reduced and a refrigerant dissolved in the oil gasifies. The structure enables a lubrication failure resulting from oil viscosity deterioration caused by a refrigerant dissolved in a lubricant oil to be avoided and the reliability of an enclosed compressor to be improved.



(FIG. 2)

(12) PATENT APPLICATION PUBLICATION (19) INDIA (22) Date of filing of Application: 22/12/2004	(21) Application No.: 01977/KOLNP/2004 (43) Publication Date: 14/07/2006	A
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(54) Title of the invention: EXPANSION AND TRANSDIFFERENTIATION OF HUMAN ACINAR CELLS

(51) International classification : C12N 5/00 (31) Priority Document No : 60/384,000 (32) Priority Date : 28.05.2002 (33) Name of priority country : USA (86) International Application No and Filing Date : PCT/US03/16096 : 22.05.2003 (87) International Publication No : WO 03/102171 (61) Patent of addition to Application No : NIL Filed on : NIL (62) Divisional to Application No : NIL Filed on : NIL	(71) Name of Applicant: BECTON DICKINSON AND COMPANY Address of the Applicant: 1 BECTON DRIVE, FRANKLIN LAKES, NEW JERSEY 07417-1880, UNITED STATES OF AMERICA (72) Name of the Inventor: PRESNELL SHARON C; SCHARP DAVID W; HEIDARAN MOHAMMAD; HAALAND PERRY; COUTTS MARGARET; LATTA PAUL P; MCINTYRE CATHERINE Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO
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(57) Abstract:

This invention relates, e.g., to a method for expanding mammalian acinar cells, comprising culturing the cells in a cell culture system comprising a cell culture medium and a cell attachment surface, under conditions wherein the acinar cells undergo a 3-4 fold expansion together with transdifferentiation into a modified cell phenotype (IP cells) showing characteristics of acinar cells and liver cells. The invention also relates to a method for transforming these IP cells to insulin-producing cells *in vitro*, comprising culturing the cells in a novel, defined medium. Also disclosed are suitable culture media for performing these methods, isolated cells having the phenotype of IP cells and/or produced by these methods, and kits for performing the methods.

(FIG. NIL)

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01939/KOLNP/2004	A
(22) Date of filing of Application: 16./12./2004	(43) Publication Date: 14/07/2006	

(54) Title of the invention: **FLAME RETARDER COMPOSITION AND FLAME RETARDANT RESIN COMPOSITION CONTAINING THE COMPOSITION**

(51) International classification	: C09K 21/12	(71) Name of Applicant: ASAHI DENKA CO., LTD.
(31) Priority Document No	: 2002-182418	Address of the Applicant: 2-35 HIGASHIOGU 7-CHOME, ARAKAWA-KU, TOKYO 116-0012, JAPAN
(32) Priority Date	: 24.06.2002	
(33) Name of priority country	: JAPAN	
(86) International Application No and Filing Date	: PCT/JP03/007423 : 11.06.2003	(72) Name of the Inventor:
(87) International Publication No	: WO 2004/000973	KURUMATANI HARUKI; YAMAKI AKIHIRO; KIMURA RYOJI
(61) Patent of addition to Application No	: NA	
Filed on	: NA	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO
(62) Divisional to Application No	: NA	
Filed on	: NA	

(57) Abstract:

A flame retarder composition comprising, as indispensable components, four components consisting of two specified types of phosphate compounds; silicon dioxide or a metal oxide; and at least one member selected from among a higher aliphatic carboxylic acid, a metal salt of higher aliphatic carboxylic acid, a higher fatty acid amide compound and an ester from monohydric or polyhydric alcohol and higher aliphatic carboxylic acid. This flame retarder composition is free from secondary coagulation, and does not need incorporation of a halogenated flame retarder that when blended in a synthetic resin, releases harmful gas at combustion. The flame retarder composition enables imparting flame retardant properties to synthetic resins with the use of a small amount of flame retarder.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 16/12/2004****(21) Application No.: 01940/KOLNP/2004****A****(43) Publication Date: 14/07/2006**

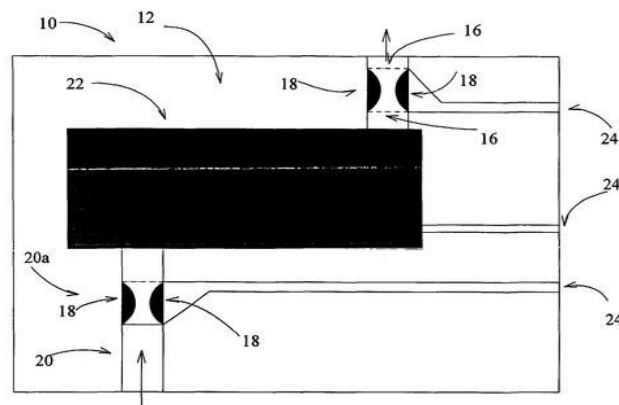
(54) Title of the invention: ACTUATOR IN A MICROFLUIDIC SYSTEM FOR INDUCING ELECTROOSMOTIC LIQUID MOVEMENT IN A MICRO CHANNEL

(51) International classification	:	B81B 1/00
(31) Priority Document No	:	20023398
(32) Priority Date	:	15.07.2002
(33) Name of priority country	:	NORWAY
(86) International Application No and Filing Date	:	PCT/NO03/000246 15.07.2003
(87) International Publication No	:	WO 2004/007348
(61) Patent of addition to Application No	:	NA
Filed on	:	NA
(62) Divisional to Application No	:	NA
Filed on	:	NA

(71) Name of Applicant: OSMOTEX AS. Address of the Applicant: P.O. BOX 6146 POSTTERMINALEN, N-5892 BERGEN, NORWAY
(72) Name of the Inventor: EIDSNES TROND; ELLINGSEN OLAV; HELDAL TROND; MISHCHUK NATALYA
Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The present invention describes an actuator in a microfluidic system for inducing an electro osmotic liquid movement in a microchannel.



(FIG.1)

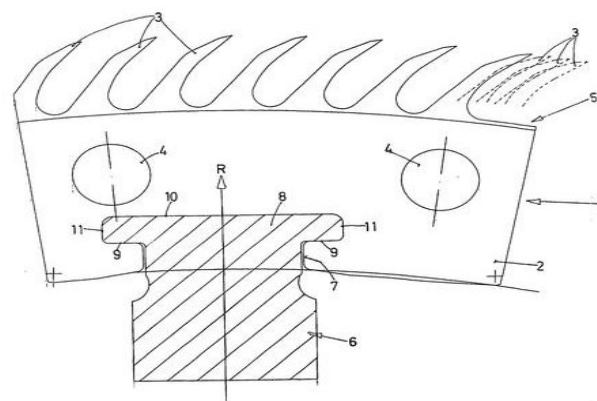
(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 16/12/2004****(21) Application No.: 01944/KOLNP/2004****A****(43) Publication Date: 14/07/2006**

(54) Title of the invention: TOOTH CLOTHING FOR TEXTILE-MACHINE ROLLERS AND SUPPORTING SEGMENTS

(51) International classification	:	D01G 19/10
(31) Priority Document No	:	102 32 435.2
(32) Priority Date	:	18.07.2002
(33) Name of priority country	:	GERMANY
(86) International Application No and Filing Date	:	PCT/EP03/005356 22.05.2003
(87) International Publication No	:	WO 2004/009885
(61) Patent of addition to Application No	:	NA
Filed on	:	NA
(62) Divisional to Application No	:	NA
Filed on	:	NA

(71) Name of Applicant: STAEDTLER & UHL KG.**Address of the Applicant:** NORDLICHE
RINGSTRASSE 12, 91126 SCHWABACH,
GERMANY**(72) Name of the Inventor:**
HENNINGER, FRIEDRICH**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO****(57) Abstract:**

In textile-machine tooth clothing, such as combing machines, drafting and opening cylinders for open-end devices and the like, comprising a plurality of bars of parallel, side-by-side saw-tooth cutouts which, by way of a foot-region recess, are pushed on to a holding member, having positive fit, and which, in the position of use, are retained in the longitudinal direction of the holding member by cheeks of the supporting segment or the roller, it is provided that the recesses (7) of the saw-tooth cutouts (1) and the cross section of the holding member (6) are T-shaped at least sectionally, having at least two defining surfaces (8, 10) which, at least by sections, are approximately parallel.



(FIG. 1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 16/12/2004****(21) Application No.: 01945/KOLNP/2004****A****(43) Publication Date: 14/07/2006**

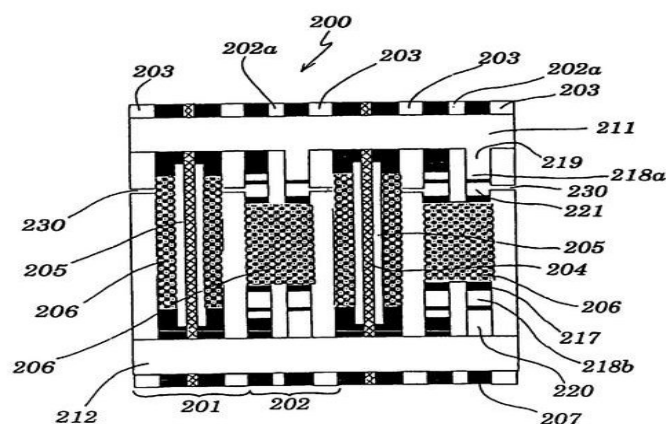
(54) Title of the invention: MEMBRANE ELECTROCHEMICAL GENERATOR

(51) International classification	: H01M 8/04
(31) Priority Document No	: MI2002 A 001338
(32) Priority Date	: 17.06.2002
(33) Name of priority country	: ITALY
(86) International Application No and Filing Date	: PCT/EP03/06327 : 16.06.2003
(87) International Publication No	: WO 2003/107465
(61) Patent of addition to Application No	: NA
Filed on	: NA
(62) Divisional to Application No	: NA
Filed on	: NA

(71) Name of Applicant: NUVERA FUEL CELLS EUROPE S.R.L.**Address of the Applicant: VIA BISTOLFI 35, I-20134 MILAN, ITALY****(72) Name of the Inventor:****EDUARDO TRIFONI; DANIELE FACCHI;
GIAN PIERO FLEBA; MATTEO LENARDON;
MARCELLO LIOTTA; LUCA MERLO;
RUBEN ORNELAS JACOBO; ANTONINO
TORO; FABIO TRAINI****Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO**

(57) Abstract:

The present invention relates to a membrane electrochemical generator (200) formed by a multiplicity of reaction cells (201) mutually connected in electrical series and assembled according to a bipolar configuration. In accordance with the present invention, the thermal management of the membrane electrochemical generator (200) and the hydration of the membrane (204) are ensured by the injection of a cooling fluid, preferably liquid water, in the gaseous reactant feed. Such an injection takes place through a multiplicity of calibrated fluid injection holes (230) obtained in conductive bipolar plates (203) delimiting the reaction files (201). The cooling fluid can be preheated by passing through a collector/distributor structure (206) located in an additional cell (202).

**(FIG. 6)**

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01946/KOLNP/2004	A
(22) Date of filing of Application: 16/12/2004	(43) Publication Date: 14/07/2006	

(54) Title of the invention: **COMPOSITIONS AND METHODS FOR THE PROPHYLAXIS AND TREATMENT OF APHTHOUS ULCERS AND HERPES SIMPLEX LESIONS**

(51) International classification	: A61K 33/34	(71) Name of Applicant: CHIOU CONSULTING, INC.
(31) Priority Document No	: 09/876,875	Address of the Applicant: 6539 MANOR DRIVE, BURR RIDGE, IL 60521, U.S.A.
(32) Priority Date	: 7.6.2002	
(33) Name of priority country	: U.S.A.	
(86) International Application No and Filing Date	: PCT/US02/18223 : 07.06.2002	(72) Name of the Inventor: CHIOU, Win, L.; CHIOU, Linda, L.
(87) International Publication No	: WO 2003/103691	
(61) Patent of addition to Application No	: NA	
Filed on	: NA	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO
(62) Divisional to Application No	: NA	
Filed on	: NA	

(57) Abstract:

Disclosed is a topical method for providing adequate analgesic, anti-inflammatory, antimicrobial and tissue-regenerating activities for the hitherto most effective prophylaxis and treatment of aphthous ulcers and herpes simplex lesions and for the effective treatment of burns and other oral mucosal ulcers comprising topically administering to the affected tissue an effective amount of a composition comprised of one or more safe and efficacious polyvalent metal compounds such as magnesium sulphate, preferably with one or more safe and efficacious anti-inflammatory compounds, such as a novel ultra-low-strength hydrocortisone (acetate), that potentiate the activities of polyvalent metal compounds. Both the ionic and neutral moieties of the polyvalent metals are pharmacologically active; water-soluble and water-insoluble polyvalent metal compounds are both therapeutically effective.

(FIG. nil)

(43) **Publication Date:** 14/07/2006

Filed on : NA

13240

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01972/KOLNP/2004	A
(22) Date of filing of Application: 21/12/2004	(43) Publication Date: 14/07/2006	

(54) Title of the invention: METHOD FOR THE IDENTIFICATION OF LIGANDS

(51) International classification	: G01N 33/53, A61K 38/00, 2/00	(71) Name of Applicant:	3-DIMENSIONAL PHARMACEUTICALS, INC.
(31) Priority Document No	: 60/398,023	Address of the Applicant:	EAGLEVIEW CORPORATE CENTER, 665
(32) Priority Date	: 24.07.2002		STOCKTON DRIVE, SUITE 104, EXTON, PA
(33) Name of priority country	: USA		19341, UNITED STATES OF AMERICA
(86) International Application No and Filing Date	: PCT/US2002/029661 : 20.09.2002	(72) Name of the Inventor: RENTZEPERIS, Dionisios; ASKARI, Hossein; SPRINGER, Barry, A.; BONE, Roger, F.; SALEMME, Francis, R.	
(87) International Publication No	: WO 2004/010141		
(61) Patent of addition to Application No	: NA		
Filed on	: NA	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO	
(62) Divisional to Application No	: NA		
Filed on	: NA		

(57) Abstract:

The present invention relates generally to a method of identifying ligands that modulate protein-protein interactions. More particularly, the present invention relates to methods of determining agonists or antagonists of a co-regulator dependent target molecule based on the ability to modify the stability of the target molecule.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 21/12/2004

(21) Application No.: 01974/KOLNP/2004

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: COOLING CLOTHES

(51) International classification : A41D 13/002
(31) Priority Document No :
(32) Priority Date :
(33) Name of priority country :
(86) International Application No and Filing Date : PCT/JP02/007021
: 10.07.2002
(87) International Publication No : WO 2004/006699
(61) Patent of addition to Application No :
NA
Filed on : NA
(62) Divisional to Application No :
NA
Filed on : NA

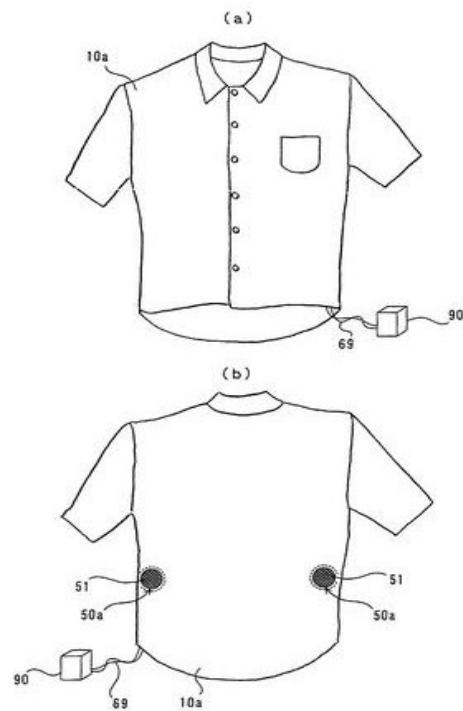
(71) Name of Applicant:
SEFT DEVELOPMENT LABORATORY CO.,
LTD.
Address of the Applicant:
19-6, SHIKATEBUKURO 6-CHOME, SAITAMA-
SHI, SAITAMA 336-0031, JAPAN

(72) Name of the Inventor: ICHIGAYA, Hiroshi

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

Cooling clothes useful for living comfortably with a small power consumption and a convenient structure. A material having high air ventilating performance is used at the upper part of the cloth part (10a) and a material substantially leaks no air is used at other part. In the rear surface of the cloth part (10a), an air flow channel for conducting air between the cloth part (10a) and the underwear is formed. An air outflow part (50a) for taking out air from the air flow channel to the outside is provided at the lower part of the cloth part (10a) and a fan for generating an air flow forcibly in the air flow channel is disposed at a position on the rear surface of the cloth part (10a) corresponding to the air outflow part (50a). The fan takes outer air into the air flow channel from above the cloth part (10a) and passes that air in the air flow channel substantially in parallel with the surface of the body thus cooling the body.



(FIG. 10)

A

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

$$\begin{array}{c}
 \text{R}^8 \\
 | \\
 \text{---}(\text{CH}_2)_r\text{---N---}(\text{CH}_2)_2\text{---X}^1\text{---} \\
 | \\
 \text{---} \text{C}_6\text{H}_4 \text{---} \text{X} \text{---} \text{C}_5\text{H}_3\text{---} \text{C}_6\text{H}_4 \text{---} \text{SO}_2\text{R}^1 \text{---} [\text{SO}_m\text{R}^{1'}]_n \\
 | \quad | \quad | \\
 \text{R}^0\text{O} \quad \text{Y} \quad (\text{R}^0)_q
 \end{array} \quad (I)$$

13243

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 23/02/2005

(21) Application No.: 00252/KOLNP/2005

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: METHOD AND MOBILE STATION FOR REPORTING MULTI-PATH SIGNALS BASED ON A REPORT WINDOW

(51) International classification : H04J 13/00,3/06
(31) Priority Document No : 10/213,176
(32) Priority Date : 06/08/2002
(33) Name of priority country : US
(86) International Application No and Filing Date : PCT/US03/023758 : 30/07/2003
(87) International Publication No : WO 04/013976 A3
(61) Patent of addition to Application No :
NIL
Filed on : N.A.
(62) Divisional to Application No :
NIL
Filed on : N.A.

(71) Name of Applicant:
MOTOROLA INC

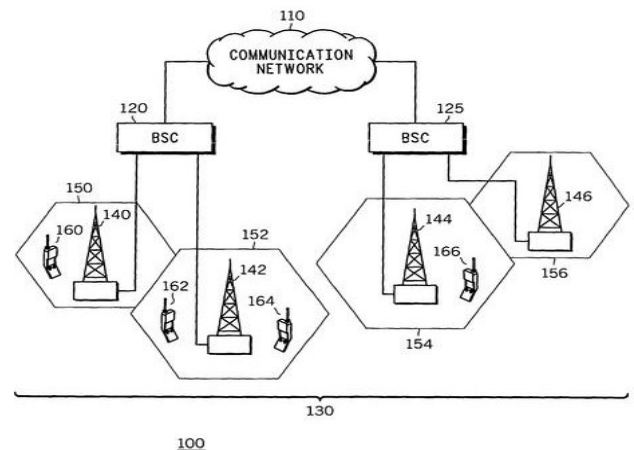
Address of the Applicant:
1303 EAST ALGONQUIN ROAD
SCHAUMBURG IL 60196 USA

(72) Name of the Inventor:
1. BECKER CHRISTOPHER J
2. RAMASWAMY KARTHIK
3. CARNEY MICHAEL

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A method (500) and a mobile station (160) for reporting multi-path signals based on a report window are described herein. The mobile station (160) may determine a distribution of a plurality of multi-path signals observed by a receiving unit (220) within the mobile station (160). The mobile station (160) may determine a report window based on the distribution. Based on the report window, the mobile station (160) may report at least one of the pluralities of multi-path signals.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application:** 24/02/2005**(21) Application No.:** 00267/KOLNP/2005**A****(43) Publication Date:** 14/07/2006

(54) Title of the invention: NEW PROCESS FOR THE SYNTHESIS OF HIGH PURITY 3, 5-DIAMINO-6-(2, 3-DICHLOROPHENYL)-1, 2, 4-TRIAZINE

(51) International classification : C07D 253/06,
C07C 281/16

(31) Priority Document No : P 0203114

(32) Priority Date : 20/09/2002

(33) Name of priority country : HUNGARY

(86) International Application No and Filing Date : PCT/HU03/000072
& 18/09/2003

(87) International Publication No : WO 04/026845

(61) Patent of addition to Application No :
NA

Filed on : NA

(62) Divisional to Application No :
NA

Filed on : NA

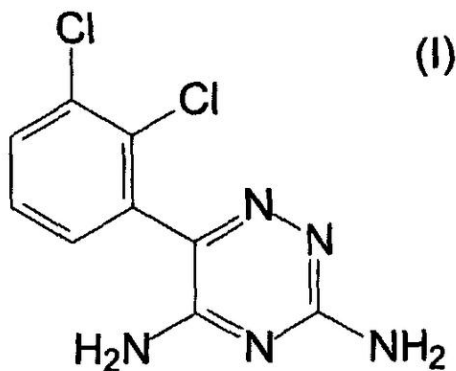
(71) Name of Applicant:
RICHTER GEDEON VEGYESZETI GYAR RT.,

Address of the Applicant:
GYOMOROI UT 19-21, H-1103 BUDAPEST,
HUNGARY.

(72) Name of Inventor:
NEU, JOZSEF
GIZUR, TIBOR
TORLY, JOZSEF
CSABAI, JANOS
VEGH, FERENC
KALVIN, PETER
TARKANYI, GABOR

**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO**

(57) Abstract: The present invention relates to a new process for the synthesis of high purity 3,5-diamino-6-(2,3-dichlorophenyl)-1,2,4-triazine of formula (I) using 2,3-dichlorobenzoyl cyanide and an aminoguanidine salt as starting materials. 2,3-dichlorobenzoyl cyanide is reacted with 1-2 mol equivalent of aminoguanidine salt in 3-6 mol equivalent of methanesulfonic acid, then the obtained adduct of formula (IV) is transformed without isolation into the product with magnesium oxide. In given case the obtained crude product can be recrystallized from a proper organic solvent.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 03/03/2005****(21) Application No.: 00333/KOLNP/2005****A****(43) Publication Date: 14/07/2006****(54) Title of the invention: IMPLANT FOR IMPLANTING IN BONE TISSUE OR IN BONE TISSUE SUPPLEMENTED WITH BONE SUBSTITUTE MATERIAL**

(51) International classification : A61C 8/00,A61B 17/68,A61L 27/50
(31) Priority Document No : 1452/02
(32) Priority Date : 23/08/2002
(33) Name of priority country : CH
(86) International Application No and Filing Date : PCT/CH03/000550
: 15/08/2003
(87) International Publication No : WO 04/017857 A1
(61) Patent of addition to Application No :
NIL
Filed on : N.A.
(62) Divisional to Application No :
NIL
Filed on : N.A.

(71) Name of Applicant:
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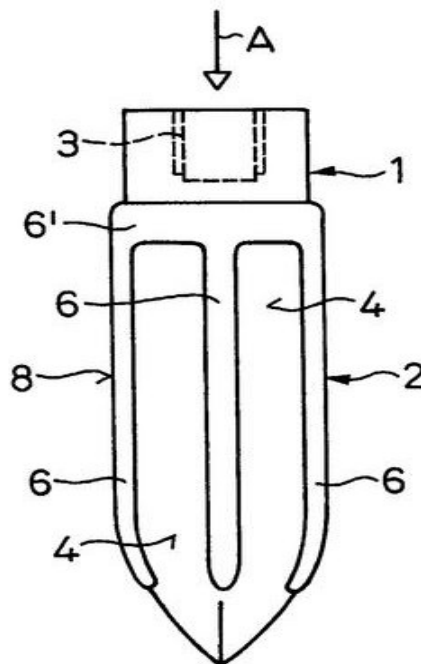
(72) Name of the Inventor:
MAYER JORG
AESCHLIMANN MARCEL
TORRIANI LAURENT

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

An implant (1) to be implanted in bone tissue, e.g. a dental implant or an implant for an orthopedic application, comprises surface regions (4) of a first type which have e.g. osseo-integrative, inflammation-inhibiting, infection-combating and/or growth-promoting properties, and surface regions (8) of a second type which consist of a material being liquefiable by mechanical oscillation. The implant is positioned in an opening of e. g. a jawbone and then mechanical oscillation, e.g. ultrasound is applied to it while it is pressed against the bone. The liquefiable material is such liquefied at least partly and is pressed into unevennesses and pores of the surrounding bone tissue where after resolidification it forms a positive-fit connection between the implant and the bone tissue. The surface regions of the two types are arranged and dimensioned such that, during implantation, the liquefied material does not flow or flows only to a clinically irrelevant degree over the surface regions of the first type such enabling the biologically integrative properties of the surface regions to start acting directly after implantation. The implant achieves with the help of the named positive fit a very good (primary) stability, i.e. it can be loaded immediately after implantation. By this, negative effects of non-loading are prevented and relative movements between implant and bone tissue are reduced to physiological measures and therefore have an osseo-integration promoting effect.

(FIG. - 1)



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 04/03/2005

(21) Application No.: 00343/KOLNP/2005

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: METHOD FOR THE PRODUCTION OF STRUCTURAL COMPONENTS FROM FIBER-REINFORCED THERMO-PLASTIC MATERIAL

(51) International classification : B29C 7046,B29D 31/00,B29C 70/34
(31) Priority Document No : 1566/02
(32) Priority Date : 15/09/2002
(33) Name of priority country : CH
(86) International Application No and Filing Date : PCT/CH03/000620 : 15/09/2003
(87) International Publication No : WO 04/024426 A1
(61) Patent of addition to Application No :
NIL
Filed on : N.A.
(62) Divisional to Application No :
NIL
Filed on : N.A.

(71) Name of Applicant:
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Address of the Applicant:
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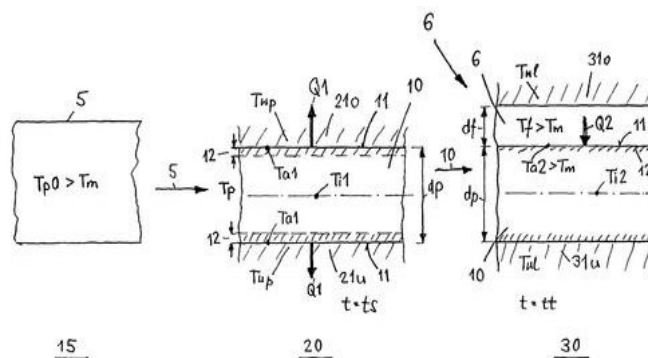
(72) Name of the Inventor:
HUSLER DANIEL
RUEGG ANDREAS

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

A method for serially producing light structural components from long fiber thermoplast (LFT) comprising integrated continuous fiber (EF) reinforcements in one LFT pressing step. EF bands (5) are melted, transferred into a profiling tool (21) of an EF profile forming station (20), shortly pressed, and formed into the desired EF profile (10). A shock-cooled thin coating layer (12) having a stable shape is formed on the profile surface (11) by means of contact with the thermally conditioned profiling tool (21) while the inside of the EF profile remains melted. The EF profile (10) is transferred into an LFT tool (31) following a predefined short shock-cooling period (t_s) and is pressed along with an introduced melted LFT material (6), the coating layer (12) being melted again on the surface (11) and being connected in a thermoplastic manner to the surrounding LFT material.

(FIG. - 1)



(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application:** 22/03/2005**(21) Application No.:** 00479/KOLNP/2005**A****(43) Publication Date:** 14/07/2006**(54) Title of the invention:** DISPLACEMENT DEVICE

(51) International classification : F16K 31/00, 31/56
(31) Priority Document No : 103 08 017.1
(32) Priority Date : 25/02/2003
(33) Name of priority country : GERMANY
(86) International Application No and Filing Date : PCT/EP04/001270 & 11/02/2004
(87) International Publication No : WO 04/076899
(61) Patent of addition to Application No :
NA
Filed on : NA
(62) Divisional to Application No :
NA
Filed on : NA

(71) Name of Applicant:
MOOG GMBH.

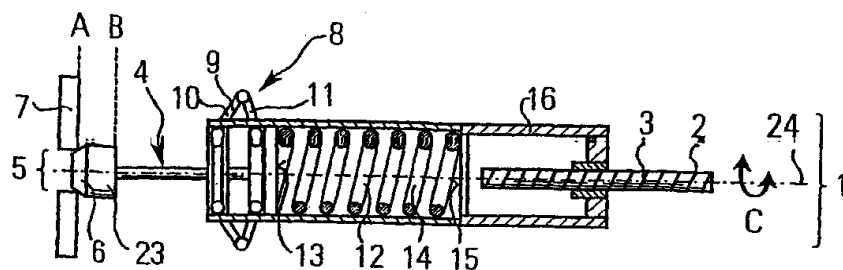
Address of the Applicant:

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GERMANY.

(72) Name of Inventor:
QUAST NORBERT
CZEPPEL THOMAS
KOLBL UDO
ZIEGLER ROLF

**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO**

(57) Abstract: A displacement control device (1) is adapted to move a member (23) relative to a body (7). The displacement control device includes a drive means (2, 3) and an emergency actuator (8) arranged mechanically in series with the member. The actuator includes a housing (16) and a spring (14) arranged to act between the housing and the member. The improvement comprises: the actuator including a toggle linkage (9) acting between the housing and the spring, the toggle linkage having two pivotally-connected links (10,11) that are adapted to be selectively moved between a collapsed position at which the links are arranged at an acute included angle, and an extended position at which the links are arranged at an obtuse included angle slightly less than 180°. The toggle linkage is arranged such that the spring will be more greatly compressed when the links are in the extended position than when the links are in the compressed position. The toggle linkage is arranged to be held in the extended position by a magnetically actuated latching pin.



(FIG. 1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 18/04/2005

(21) Application No.: 00663/KOLNP/2005

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: METHODS AND SYSTEMS FOR COMMUNICATING OVER A CLIENT-SERVER NETWORK

(51) International classification : G06F 15/16, 13/00

(31) Priority Document No : 10/264,487

(32) Priority Date : 04/12/2002

(33) Name of priority country : USA

(86) International Application No and Filing Date : PCT/US03/031381 & 03/10/2003

(87) International Publication No : WO 04/034192

(61) Patent of addition to Application No :

NA

Filed on : NA

(62) Divisional to Application No :

NA

Filed on : NA

(71) Name of Applicant:

CITRIX SYSTEMS INC.,

Address of the Applicant:

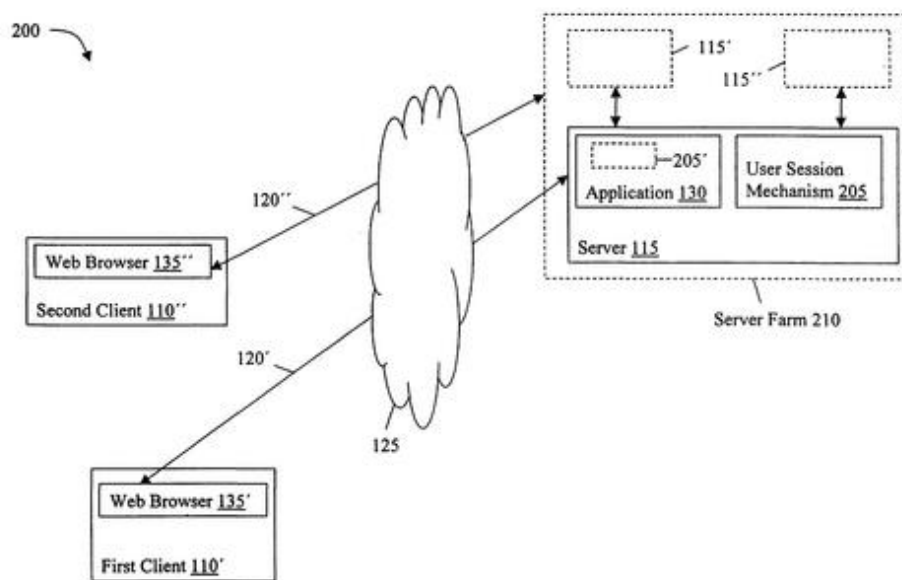
851, W. CYPRESS CREEK ROAD, FORT LAUDERDALE, FL 33309, USA.

(72) Name of Inventor:

WU ZHIXUE

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) **Abstract:** The invention relates to a server (115) for communicating over a client-server network (125). The server (115) includes a receiver receiving a first request from a first client (110) to establish a communication session with the server. The server (115) also has a user session mechanism (205) that establishes a user session in response to the first request. The server additionally includes a client session mechanism (310) that establishes a first client session in response to the first request. Upon termination of the first client session, the server (115) stores user session data in a memory element (315), which can be, for example, a database. The receiver also receives a second request, the user session mechanism reactivates the user session.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application:** 19/04/2005

(21) **Application No.:** 00677/KOLNP/2005

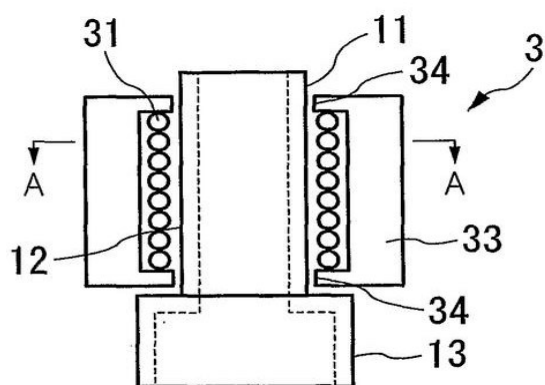
A

(43) **Publication Date:** 14/07/2006

(54) **Title of the invention:** BAG MAKING METHOD

(51) International classification	: B29C 65/02, B29B 13/02	(71) Name of Applicant: SHOWA DENKO PLASTIC PRODUCTS CO., LTD.,
(31) Priority Document No	: 2002-314252 60/479,837	Address of the Applicant: 9-10 NIHONBASHI HORIDOME-CHO 1-CHOME CHUO-KU, TOKYO 103-0012, JAPAN.
(32) Priority Date	: 29/10/2002 20/06/2003	
(33) Name of priority country	: JAPAN USA	
(86) International Application No and Filing Date	: PCT/JP03/013877 & 29/10/2003	(72) Name of Inventor: MIZUO, TAKAYUKI NAKAGAWA, TERUAKI
(87) International Publication No	: WO 04/039562	
(61) Patent of addition to Application No	: NA	
Filed on	: NA	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO
(62) Divisional to Application No	: NA	
Filed on	: NA	

(57) **Abstract:** To provide a bag-making method ensuring excellent liquid tightness at the melt-bonded part between the mouth member (1), and the bag unit (2) A bag-making method for producing a bag by melt-bonding and thereby integrating a mouth member (1) formed of a preliminarily heated synthetic resin and a bag unit (2) formed of a flexible film, the method comprising a preliminary heating step of softening the synthetic resin of the mouth member (1), at the part to be melt-bonded (12), to the bag unit (2), melt-bonding part (12) of mouth member (1), while preventing the synthetic resin of the mouth member (1), at the end part (11) in the bag side, end part (11), of mouth member (1), from being softened at the preliminary heating step, and a step of inserting the preliminarily heated mouth member (1) into the opening of the bag unit (2), and pressing them by a sealing mold (5), to melt-bond the melt-bonding part (12) of the mouth member (1), to the opening; and a medical container (6) produced by the bag-making method.



(FIG). 4A

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 21/04/2005

(21) Application No.: 00692/KOLNP/2005

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: POWER CONSUMPTION PROTOCOL

(51) International classification : B60C 23/04
(31) Priority Document No : 0222680.1
(32) Priority Date : 01/10/2002
(33) Name of priority country : GB
(86) International Application No and Filing Date : PCT/GB03/004327 & 01/10/2003
(87) International Publication No : WO 04/030950
(61) Patent of addition to Application No :
NA
Filed on : NA
(62) Divisional to Application No :
NA
Filed on : NA

(71) Name of Applicant:
PIEZOTAG LIMITED

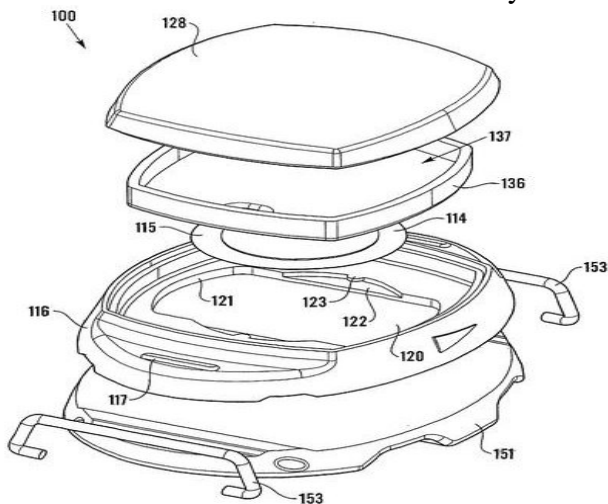
Address of the Applicant:

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(72) Name of Inventor:
HASWELL, GEOFFREY
FAWCETT, SIMON, WILLIAM
HOLDSWORTH, PAUL, REECE
BOWLES, STEPHEN, JOHN
SMART, DAVID, MATTHEW
GARCIA-HERNANDEZ, MIGUEL, JASUS
CHAVEZ-DOMINGUEZ, JUAN, ANTONIO
TURO-PEROY, ANTONIO
SALAZAR-SOLER, JORDI

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract: Low power consumption protocol telemetry unit (100) is provided for mounting inside a pneumatic tyre, which includes a piezoelectric element (114) supported in a housing (112), with an actuator (136) arranged for contact with the element (114), to deflect the element (114) in response to external forces acting on the actuator (136) during rotation of the tyre. For every rotation of the tyre, cyclic pulses of electrical charge are generated by the deflection of the element (114). The charge is stored and utilized under a power consumption protocol including the steps of: initiating power to a data measurement circuit for measuring data from the environment local to the unit (100); disabling power to the data measurement circuit; initiating power to a data transmission circuit; transmitting data from the measurement circuit; and disabling power to the transmission circuit. The power consumption protocol therefore minimizes consumption of the generated power, during measurement and transmission of data by the unit (100).



(FIG. 7)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application:** 28/06/2005

(21) **Application No.:** 01243/KOLNP/2005

A

(43) **Publication Date:** 14/07/2006

(54) **Title of the invention:** EMISSION TREATMENT SYSTEM

(51) **International classification** : B01D 53/86
(31) **Priority Document No** : 10/305,677
(32) **Priority Date** : 26/11/2002
(33) **Name of priority country** : USA
(86) **International Application No and Filing Date** : PCT/US03/034073 & 27/10/2003
(87) **International Publication No** : WO 04/047961
(61) **Patent of addition to Application No** :
NA
Filed on : NA
(62) **Divisional to Application No** :
NA
Filed on : NA

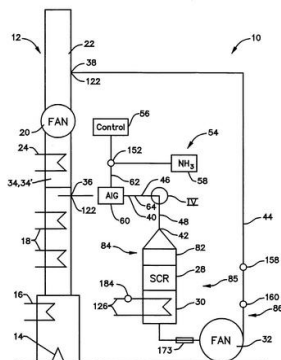
(71) **Name of Applicant:**
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(72) **Name of Inventor:**
RINI, MICHAEL, J
JIAN, MOU
RAINES, THOMAS, S
AUMAUGHER, MARIE, L
KUCK, NOEL, C
PETIG, ARLYN, A
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KOZAK, REDERIC
COCHRAN, KERI, N
YANN, JAMES, A
LILLESTOLEN, TOM, C
HILTON, ROBERT, G

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) **Abstract:** An emission treatment system for removing NO_x from flue gas includes a diversion member 34 that closes the stack 22 at a position intermediate the inlet and outlet ends. A major component module 26 includes a first submodule, having an inlet and an SCR segment 28, a second submodule, having a heat exchange segment 30, and a third sub-module, having an ID fan 32 and an outlet, forming a flue gas flow path extending from the inlet to the outlet. Inlet ductwork 40, which is in fluid communication with the stack 22 at a position intermediate the inlet end of the stack 22 and the diversion member 34, provides a passageway from the stack 22 to the inlet. Outlet ductwork 44, which is in fluid communication with the stack 22 at a position intermediate the diversion member 34 and the outlet end of the stack 22, provides a passageway from the outlet to the stack 22. An ammonia addition subsystem 54 injects ammonia vapor into the inlet ductwork 40.



(FIG.1).

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application:** 30/06/2005

(21) **Application No.:** 01275/KOLNP/2005

A

(43) **Publication Date:** 14/07/2006

(54) **Title of the invention:** FAULT CHARACTERIZATION USING INFORMATION INDICATIVE OF ECHO

(51) **International classification** : H04B3/23
(31) **Priority Document No** : 10/317,946
(32) **Priority Date** : 12/12/2002
(33) **Name of priority country** : USA
(86) **International Application No and Filing Date** : PCT/US03/039452 & 12/12/2003
(87) **International Publication No** : WO 04/055996
(61) **Patent of addition to Application No** :

NA

Filed on : NA

(62) **Divisional to Application No** :

NA

Filed on : NA

(71) **Name of Applicant:**
ADC DSL SYSTEMS, INC.,

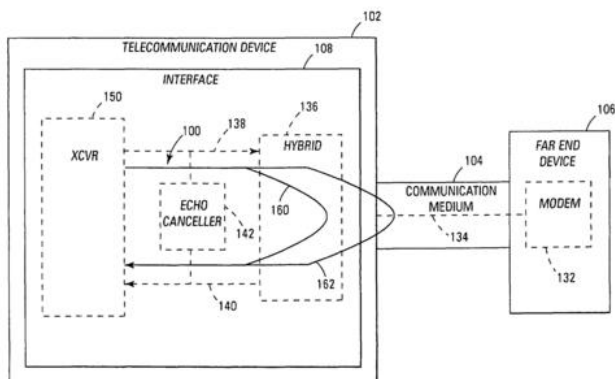
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(72) **Name of Inventor:**
RUDE MICHAEL J

**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO**

(57) **Abstract:** A fault associated with a communication medium (134) is analyzed by correlating a first set of information indicative of echo associated with the communication medium (134) with a second set of information indicative of echo. The fault is characterized based on the correlation between the first set of information and the second set of information. The first set of information and the second set of information can include echo canceller coefficients generated by an echo canceller (142) coupled to the communication medium (134).



(FIG.1).

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application:** 07/07/2005

(21) **Application No.:** 01310/KOLNP/2005

A

(43) **Publication Date:** 14/07/2006

(54) **Title of the invention:** BIOPSY DEVICE WITH SAMPLE TUBE

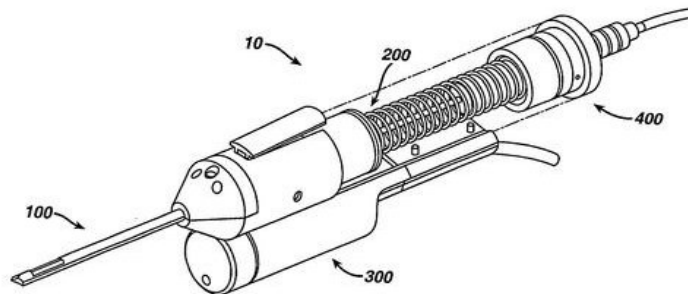
(51) International classification	:	A61B 10/00
(31) Priority Document No	:	60/432,546
(32) Priority Date	:	11/12/2002
(33) Name of priority country	:	USA
(86) International Application No and Filing Date	:	PCT/US03/039364 : & 11/12/2003
(87) International Publication No	:	WO 04/052212
(61) Patent of addition to Application No	:	NA
Filed on	:	NA
(62) Divisional to Application No	:	NA
Filed on	:	NA

(71) Name of Applicant: ETHICON ENDO-SURGERY, INC.,
Address of the Applicant: 4545 CREEK ROAD, CINCINNATI, OH 45242, USA.

(72) Name of Inventor: CHRIS CICENAS LUKE STONIS BETH MCCOMBS

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) **Abstract:** A biopsy device is provided (10). The biopsy device (10) includes cutter and a sample tube (516) advancable through the hollow cutter to retrieve a tissue sample severed by the cutter. A vacuum source can be provided in communication with the sample tube (516). The sample tube (516) can be releasably attached to the biopsy device.



(FIG). 1b

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01337/KOLNP/2005	A
(22) Date of filing of Application: 01/07/2005	(43) Publication Date: 14/07/2006	

(54) Title of the invention: **POLYMER CONJUGATES OF CYTOKINES CHEMOKINES GROWTH FACTORS POLYPEPTIDE HORMONES AND ANTAGONISTS THEREOF WITH PRESERVED RECEPTOR-BINDING ACTIVITY**

<p>(51) International classification : A61K</p> <p>(31) Priority Document No : 60/436,020</p> <p>(32) Priority Date : 26/12/2002</p> <p>(33) Name of priority country : US</p> <p>(86) International Application No and Filing Date : PCT/US03/041162 : 23/12/2003</p> <p>(87) International Publication No : WO 04/060300 A2</p> <p>(61) Patent of addition to Application No : NIL</p> <p>Filed on : N.A.</p> <p>(62) Divisional to Application No : NIL</p> <p>Filed on : N.A.</p>	<p>(71) Name of Applicant: MOUNTAIN VIEW PHARMACEUTICALS INC</p> <p>Address of the Applicant: 3475-S EDISON WAY MENLO PARK CA 94025 USA</p> <p>(72) Name of the Inventor: 1. BHASKARAN SHYAM S 2. SHERMAN MERRY R 3. SAIFER MARK G.P. 4. WILLIAMS L DAVID</p> <p>Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO</p>
---	--

(57) Abstract:

Methods are provided for the synthesis of polymer conjugates of cytokines, chemokines, growth factors, polypeptide hormones and receptor-binding antagonists thereof, which conjugates retain unusually high receptor-binding activity. Preparation of polymer conjugates according to the methods of the present invention diminishes or avoids steric inhibition of receptor-ligand interactions that commonly results from the attachment of polymers to receptor-binding regions of cytokines, chemokines, growth factors and polypeptide hormones, as well as to agonistic and antagonistic analogs thereof. The invention also provides conjugates and compositions produced by such methods. The conjugates of the present invention retain a higher level of receptor-binding activity than those produced by traditional polymer coupling methods that are not targeted to avoid receptor-binding domains of cytokines, chemokines, growth factors and polypeptide hormones. The conjugates of the present invention also exhibit an extended half-life *in vivo* and *in vitro* compared to unconjugated cytokines, chemokines, growth factors and polypeptide hormones. The present invention also provides kits comprising such conjugates and/or compositions, and methods of use of such conjugates and compositions in a variety of diagnostic, prophylactic, therapeutic and bioprocessing applications.

(FIG. -Nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 13/07/2005

(21) Application No.: 01349/KOLNP/2005

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: TOOL HOLDER DEVICE FOR COLLABORATING WITH GLASS

(51) International classification : E06B 3/673
(31) Priority Document No : 03/00378
(32) Priority Date : 15/01/2003
(33) Name of priority country : FR
(86) International Application No and Filing Date : PCT/FR04/00054
(87) International Publication No : WO 04/072424 A1
(61) Patent of addition to Application No :
NIL
Filed on : N.A.
(62) Divisional to Application No :
NIL
Filed on : N.A.

(71) Name of Applicant:
SAINT-GOBAIN GLASS FRANCE

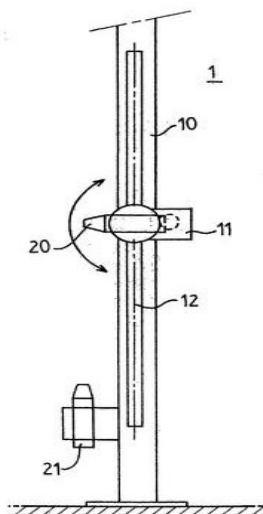
Address of the Applicant:
LES MIRIIRS 18 AVENUE D ALSACE F-
92400 COURBEVOIE FRANCE

(72) Name of the Inventor:
1.DEMARS YVES
2.DOUCHE JEAN-PIERRE

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

Tool holder device (1) supporting at least one tool (20, 21) intended to collaborate with at least one substrate (50, 60) with the substrate positioned on edge, the device (1) being able to make the tool move translationally and rotationally relative to the substrate, it being possible for said substrate to be moved translationally relative to the tool as the tool is operating, characterized in that the collaboration between the tool (20, 21) and the substrate or substrates (50, 60) occurs with or without contact relative to the edge face of the substrate or substrates.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 18/07/2005

(21) Application No.: 01387/KOLNP/2005

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: ALKENYLSUCINIC ANHYDRIDE SURFACE-APPLIED SYSTEM AND USES THEREOF

(51) International classification	: D21H 21/16	(71) Name of Applicant:	LANXESS CORPORATION.,
(31) Priority Document No	: 60/434,213	Address of the Applicant:	100 BAYER ROAD, PITTSBURGH, PA 15205-9741, USA.
(32) Priority Date	: 17/12/2002		
(33) Name of priority country	: USA		
(86) International Application No and Filing Date	: PCT/US03/040274 & 17/12/2003		
(87) International Publication No	: WO 04/059082		
(61) Patent of addition to Application No	: NA	(72) Name of Inventor:	PAWLOWSKA, LUCYNA
Filed on	: NA		DILTS, KIMBERLY, C.
(62) Divisional to Application No	: NA		HUNTER, CHARLES, R.
Filed on	: NA		O'TOOLE, MICHAEL, P.
			PROVERB, ROBERT, J.
			LONG, THOMAS, T.
		Filed U/S 5(2) before The Patents (Amendment) Act, 2005:	NO

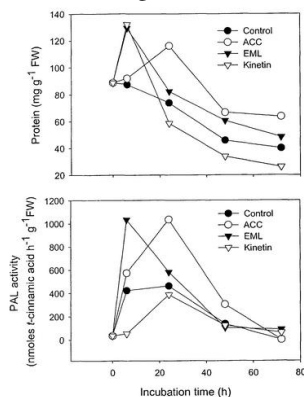
(57) Abstract: The invention relates to an aqueous sizing composition including (a) an emulsion comprising alkenylsuccinic anhydride component containing alkenylsuccinic anhydride particles suspended in an aqueous polymer, and (b) a second component selected from the group consisting of cationic starches, non-ionic starches, anionic starches, water-soluble polymer, water and mixtures thereof, such that the alkenylsuccinic anhydride component is sufficiently dilute to enable the sizing composition to impart useful sizing properties to a fibrous substrate when the sizing composition contacts the fibrous substrate. The invention also relates to fibrous substrates treated with such a composition as well as processes for making and using the composition. In one embodiment, alkylene ketene dimer can be used instead of alkenylsuccinic anhydride.

(FIG). NIL

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 01331KOLNP/2005****A****(22) Date of filing of Application: 11/07/2005****(43) Publication Date: 14/07/2006****(54) Title of the invention: METHOD FOR TREATING PLANTS AND PLANT PARTS**

(51) International classification	: A01N	(71) Name of Applicant:	NUTRA-PARK, INC.,
(31) Priority Document No	: 60/438,016 60/486,275	Address of the Applicant:	SUITE 140, 3225 DEMING WAY, MIDDLETON, WI 53562, USA.
(32) Priority Date	: 03/01/2003 10/07/2003	(72) Name of Inventor:	ROWLEY, KEITH JEONG, SANG, WON COWAN, KEITH ALTWIES, JAMES TRIMMER, MARK BRAP, GURDIP PZGEN, MUSTAFA PALTA, JIWAN
(33) Name of priority country	: USA		
(86) International Application No and Filing Date	: PCT/US03/041651 & 31/12/2003		
(87) International Publication No	: WO 04/062364		
(61) Patent of addition to Application No	: NA		
Filed on	: NA		
(62) Divisional to Application No	: NA		
Filed on	: NA		
		Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO	

(57) Abstract: Methods of using modified lecithin to delivery various benefits to plants and plant parts are disclosed. Modified lecithins, applied to growing plants, can cause improvements (Fig.1) in fruit and plant firmness, size, color and stability, in economically important fruits and vegetables.



(FIG.1).

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application:** 14/07/2005**(21) Application No.:** 01358/KOLNP/2005**A****(43) Publication Date:** 14/07/2006

(54) Title of the invention: METHOD OF POLYMERIZATION AND COPOLYMERIZATION OF ETHYLENE

(51) International classification	: C08F 10/02, 4/00	(71) Name of Applicant:	SAMSUNG ATOFINA CO. LTD.,
(31) Priority Document No	: 10-2003-0004522	Address of the Applicant:	411-1, DOKGOD-RI, DAESAN-UP, SEOSAN-SHI,
(32) Priority Date	: 23/01/2003		CHUNGCHEONGNAM PROVINCE 356-874,
(33) Name of priority country	: KOREA		KOREA.
(86) International Application No and Filing Date	: PCT/KR04/000068 : & 16/01/2004	(72) Name of Inventor:	YANG,CHUN-BYUNG
(87) International Publication No	: WO 04/065431		KIM, WON-YOUNG
(61) Patent of addition to Application No	: NA		CHANG, HO-SIK
Filed on	: NA	Filed U/S 5(2) before The Patents (Amendment) Act, 2005:	NO
(62) Divisional to Application No	: NA		
Filed on	: NA		

(57) Abstract: Disclosed is a method of polymerization and copolymerization of ethylene, which is carried out in the presence of (a) a solid titanium complex catalyst prepared by the steps of (i) preparing a magnesium solution by contacting halogenated magnesium compounds with alcohol, (ii) reacting the magnesium solution with ester compound having at least one hydroxyl group and silicon compound having alkoxy group, (iii) preparing a solid titanium catalyst component by reacting mixture of titanium compound and haloalkane compound; and (iv) producing solid titanium complex catalyst by reacting the solid titanium catalyst component with mixture of aluminum compound and haloalkane compound, or haloalkane; and (b) organometallic compounds in Group II or III of the Periodic Table

(FIG.NIL).

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application:** 18/07/2005**(21) Application No.:** 01384/KOLNP/2005**A****(43) Publication Date:** 14/07/2006

(54) Title of the invention: A METHOD AND DEVICE FOR EXTRACTING A PLATE FROM AND FOR INSERTING A PLATE INTO A STACK OF PLATES FROM BELOW

(51) International classification : B65G 65/00, G11B 17/10

(31) Priority Document No : 102 59 378.7

(32) Priority Date : 18/12/2002

(33) Name of priority country : GERMANY

(86) International Application No and Filing Date : PCT/EP03/013386
: & 28/11/2003

(87) International Publication No : WO 04/055806

(61) Patent of addition to Application No :
NA

Filed on : NA

(62) Divisional to Application No :
NA

Filed on : NA

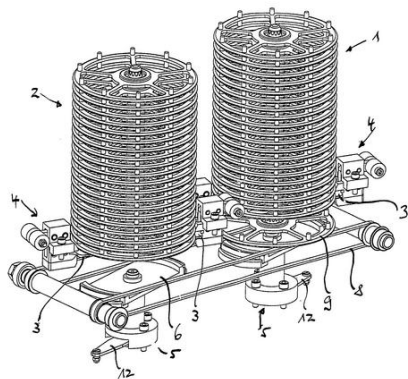
(71) Name of Applicant:
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Address of the Applicant:
FERDINAND-VON-STEINBEIS-RING, 75447
STERNENFELS, GERMANY.

(72) Name of Inventor:
KERN, THOMAS
GUTSCHER, JOCHEN
MAHNER, BERND
WAGNER, RONALD

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract: The invention relates to a simple yet reliable method for removing at least one disc (9) from a stack of discs (1, 2), or for inserting a disc (9) into a stack of discs (1, 2) from below. According to said method, the discs (9) or the stack of discs (1, 2) is/are vertically displaced and said displacements are combined with horizontal displacements of rests (3), which support the stack of discs (1, 2). The invention also relates to a device for carrying out the inventive method.



(FIG.1).

(12) PATENT APPLICATION PUBLICATION		
(19) INDIA	(21) Application No.: 01481/KOLNP/2005	A
(22) Date of filing of Application: 28/07/2005	(43) Publication Date: 14/07/2006	

(54) **Title of the invention: AMINO ACID PHENOXY ETHERS**

<p>(51) International classification : A61K 31/425,31/42,C07D 277/04,263/04</p> <p>(31) Priority Document No : 60/440,772</p> <p>(32) Priority Date : 17/01/2003</p> <p>(33) Name of priority country : US</p> <p>(86) International Application No and Filing Date : PCT/US04/000790 13/01/2004</p> <p>(87) International Publication No : WO 04/066964 A3</p> <p>(61) Patent of addition to Application No : NIL</p> <p>Filed on : N.A.</p> <p>(62) Divisional to Application No : NIL</p> <p>Filed on : N.A.</p>	<p>(71) Name of Applicant: BEXEL PHARMACEUTICALS INC</p> <p>Address of the Applicant: 32990 ALVARADO NILES ROAD, SUITE 910 UNION CITY CA 94587 USA</p> <p>(72) Name of the Inventor:</p> <ol style="list-style-type: none"> 1. NAG BISWAJIT 2. NAG ABHIJEET 3. DEY DEBENDRANATH 4. AGARWAL SHIV KUMAR <p>Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO</p>
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(57) Abstract:

Novel amino acid phenyl ethers are provided which exhibit activity for the treatment of immunological diseases, inflammation, obesity, hyperlipidemia, hypertension, neurological diseases and diabetes
(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 29/07/2005****(21) Application No.: 01488/KOLNP/2005****A****(43) Publication Date: 14/07/2006**

(54) Title of the invention: PROCESS FOR PARTICLE FORMATION

(51) International classification : B01D 1/18, B01F 5/02, B01J 2/04**(31) Priority Document No** : 0300339.9**(32) Priority Date** : 08/01/2003**(33) Name of priority country** : UK**(86) International Application No and** : PCT/GB04/000038**Filing Date** : & 07/01/2004**(87) International Publication No** : WO 04/062785**(61) Patent of addition to Application No** :

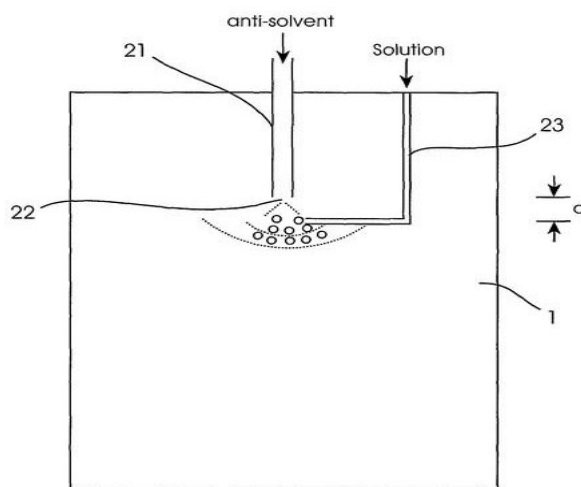
NA

Filed on : NA**(62) Divisional to Application No** :

NA

Filed on : NA**(71) Name of Applicant:**
NEKTAR THERAPEUTICS UK LIMITED.,**Address of the Applicant:**UNIT 69, LISTERHILLS SCIENCE PARK,
CAMPUS ROAD, BRADFORD BD7 1HR, UK.**(72) Name of Inventor:**
KORDIKOWSKI, ANDREAS
GILBERT, DARREN, JOHN**Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO**

(57) Abstract: Method for preparing a target substance in particulate form, by introducing into a particle formation vessel, through separate first and second fluid inlets respectively, (a) a solution or suspension of the target substance in a fluid vehicle (the 'target solution/suspension') and (b) a compressed fluid anti-solvent for the substance, and allowing the anti-solvent to extract the vehicle from the target solution/suspension so as to form particles of the target substance, wherein the target solution/suspension enters the vessel downstream of the point of entry of the anti-solvent and at a point which lies on or close to the main axis of anti-solvent flow, and wherein the anti-solvent has a sub-sonic velocity as it enters the particle formation vessel.



(FIG). 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 29/07/2005

(21) Application No.: 01496/KOLNP/2005

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: STEREOSCOPIC PANORAMIC IMAGE CAPTURE DEVICE

(51) International classification : H04N 13/00
(31) Priority Document No :
(32) Priority Date :
(33) Name of priority country :
(86) International Application No and Filing Date : PCT/US03/002285
24/01/2003
(87) International Publication No : WO 04/068865
(61) Patent of addition to Application No :
NIL
Filed on : N.A.
(62) Divisional to Application No :
NIL
Filed on : N.A.

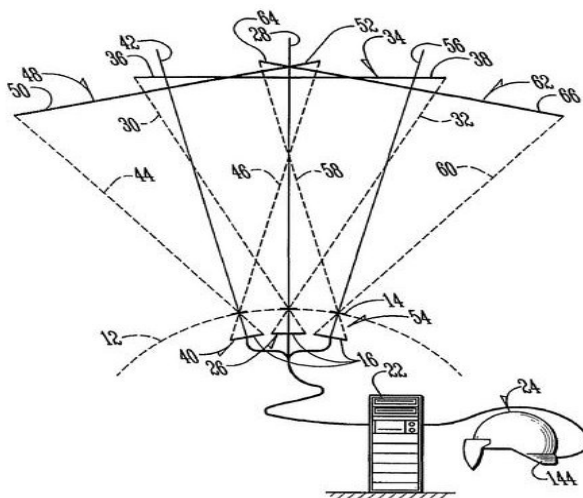
(71) Name of Applicant:
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Address of the Applicant:
1523 SOUTH BELL AVENUE AMES IOWA
50010 USA

(72) Name of the Inventor:
1. PIERCE DON
2. HERRNSTADT STEVEN
3. GROVER TRENT
4. GOOD FRED

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

An imaging system comprising a plurality of first image capture devices. Overlapping rectilinear images are captured and halved, with left halves being stiched and transformed into a first equirectangular image and the right halves being stiched and transformed into a second equirectangular image. The first equirectangular image, and second equirectangular image are displayed in a stereoscopic orientation to produce a stereoscopic equirectangular image. The imaging system may be utilized to capture a plurality of sequential images, to produce a full-motion stereoscopic equirectangular image.



(FIG. - 2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 01/08/2005

(21) Application No.: 01504/KOLNP/2005

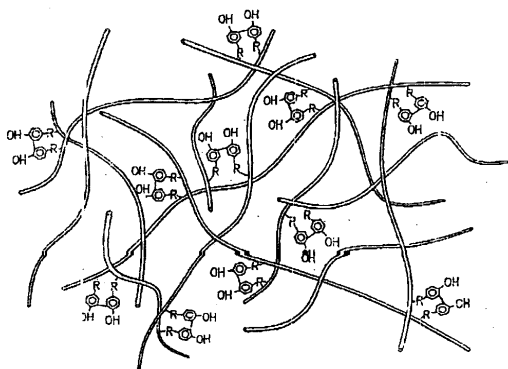
A

(43) Publication Date: 14/07/2006

(54) Title of the invention: HYDROXYPHENYL CROSS-LINKED MACROMOLECULAR NETWORK AND APPLICATIONS THEREOF

(51) International classification	: C08G 63/48, 63/81, C08L 71/00, C12Q 1/00	(71) Name of Applicant: THE CLEVELAND CLINIC FOUNDATION.,
(31) Priority Document No	: 60/439,201	Address of the Applicant: 9500 EUCLID AVENUE, CLEVELAND, OH 44195, USA.
(32) Priority Date	: 10/01/2003	
(33) Name of priority country	: USA	
(86) International Application No and Filing Date	: PCT/US04/000478 : & 09/01/2004	
(87) International Publication No	: WO 04/063388	(72) Name of Inventor: CALABRO, ANTHONY GROSS, RICHARD, A DARR, ANIQ, B
(61) Patent of addition to Application No	: NA	
Filed on	: NA	
(62) Divisional to Application No	: NA	
Filed on	: NA	Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract: A dihydroxyphenyl cross-linked macromolecular network is provided that is useful in artificial tissue and tissue engineering applications, such as artificial or synthetic cartilage. The network is made by first providing a polyamine or polycarboxylate macromolecule (having a plurality of amine or carboxylic acid groups respectively attached along the length of the molecule), reacting this macromolecule with a hydroxyphenyl compound having a free carboxylic acid group in the case of a polyamine or a free primary amine group in the case of a polycarboxylate, and substituting the hydroxyphenyl compound onto the macromolecule via a carbodiimide-mediated reaction pathway to provide a hydroxyphenyl-substituted macromolecule. This macromolecule is then linked to other such macromolecules via an enzyme catalyzed dimerization reaction between two hydroxyphenyl groups attached respectively to different macromolecules under metabolic conditions of temperature and pH. In a preferred embodiment, the macromolecular network is made up of tyramine-substituted hyaluronan molecules that are linked by dityramine bonds to provide a stable, coherent hydrogel with desired physical properties. A method of preparing such a network is also provided.



(FIG). 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 03/08/2005

(21) Application No.: 01528/KOLNP/2005

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: CUTTING INSERT GROOVING OPERATIONS

(51) International classification : B23B 27/06
(31) Priority Document No : 154649
(32) Priority Date : 27/02/2003
(33) Name of priority country : IL
(86) International Application No and Filing Date : PCT/IL04/000113
(87) International Publication No : WO 04/076105 A1
(61) Patent of addition to Application No :
NIL

Filed on : N.A.
(62) Divisional to Application No :
NIL
Filed on : N.A.

(71) Name of Applicant:
ISCAR LTD

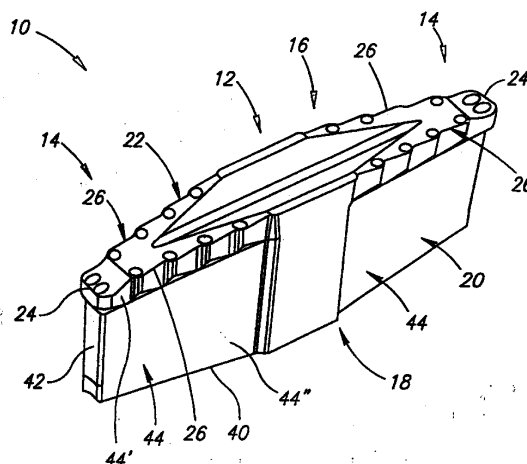
Address of the Applicant:
P.O. BOX 11 24959 ISRAEL

(72) Name of the Inventor:
1. GATI UZI

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A cutting insert for grooving operations having a forward main cutting edge and two opposing side cutting edges extending rearwardly from the main cutting edge on opposing sides of a center line of the cutting insert, wherein each side cutting edge has a generally serrated form in a top view of the cutting insert.



(FIG. - 1)

(22) **Date of filing of Application: 10/08/2005**

(21) Application No.: 01605/KOLNP/2005

(43) **Publication Date:** 14/07/2006

A

(54) Title of the invention: PURIFICATION PROCESS FOR BACTERIAL CYTOLYSIN

(51)	International classification	:	C07K 14/315,C12P 21/00,A61K 39/09,C07K 1/20
(31)	Priority Document No	:	0305791.6
(32)	Priority Date	:	13/03/2003
(33)	Name of priority country	:	GB
(86)	International Application No and Filing Date	:	PCT/EP04/002641 11/03/2004
(87)	International Publication No	:	WO 04/081515 A3
(61)	Patent of addition to Application No	:	<i>NIL</i>
	Filed on	:	N.A.
(62)	Divisional to Application No	:	<i>NIL</i>
	Filed on	:	N.A.

(71) **Name of Applicant:**
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Address of the Applicant:
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RIXENSART BELGIUM

(72) **Name of the Inventor:**

- 1. BEIM RALPH**
- 2. GORAJ CARINE**
- 3. MERTENS EMMANUEL**
- 4. VANDERCAMMEN ANNICK**

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The present invention relates to a method for purifying bacterial cytolysins such as pneumococcal pneumolysin. A single chromatography step produces excellent purification of the cytolysin by binding soluble aggregated cytolysin to a hydrophobic interaction chromatography material in the presence of detergent and high salt.

(FIG. -Nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 24/08/2005

(21) Application No.: 01692/KOLNP/2005

A

(43) Publication Date: 14/07/2006

(54) Title of the invention: IN VIVO DEVICE FOR IMPROVING DIASTOLIC VENTRICULAR FUNCTION

(51) International classification : A61B
(31) Priority Document No : 154141
(32) Priority Date : 27/01/2003
(33) Name of priority country : IL
(86) International Application No and Filing Date : PCT/IL04/000072
(87) International Publication No : WO 04/066805 A2
(61) Patent of addition to Application No :
NIL
Filed on : N.A.
(62) Divisional to Application No :
NIL
Filed on : N.A.

(71) Name of Applicant:
CORASSIST CARDIOVASCULAR LTD

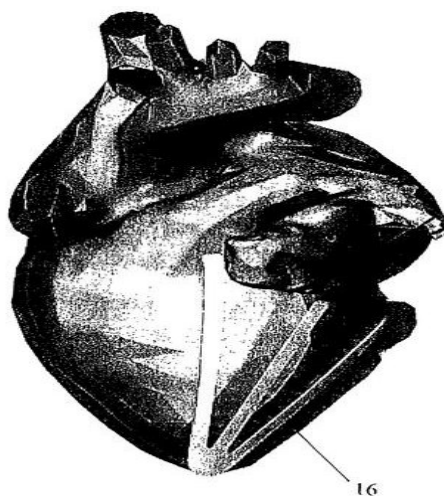
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(72) Name of the Inventor:
1. DUBI SHAY
2. FELD YAIR

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

An in vivo device for improving diastolic function of the heart (16) comprising: as least one elastic component that may be operatively connected to the external surface of the left or right ventricle of the heart by means of connecting elements, wherein said elastic component comprises essentially longitudinal members arranged such that the lateral separation therebetween may be increased or decreased in response to elastic deformation of said elastic component, and wherein said essentially longitudinal members are arranged such that said elastic component is curved in both the vertical and horizontal planes, such that its inner surface may be adapted to the curvature of the external ventricular surface of the heart, such that said elastic component is capable of exerting both radially outward expansive and tangentially-directed forces on the external surface of the cardiac ventricle.



(FIG. - 4)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application:** 13/09/2005**(21) Application No.:** 01817/KOLNP/2005**A****(43) Publication Date:** 14/07/2006**(54) Title of the invention:** AMBIENT PRESSURE FUEL CELL SYSTEM EMPLOYING PARTIAL AIR HUMIDIFICATION

(51) International classification : F24F
(31) Priority Document No : 60/451,943
(32) Priority Date : 03/03/2003
(33) Name of priority country : USA
(86) International Application No and Filing Date : PCT/US04/000320 & 03/03/2004
(87) International Publication No : WO 04/079269
(61) Patent of addition to Application No :
NA
Filed on : NA
(62) Divisional to Application No :
NA
Filed on : NA

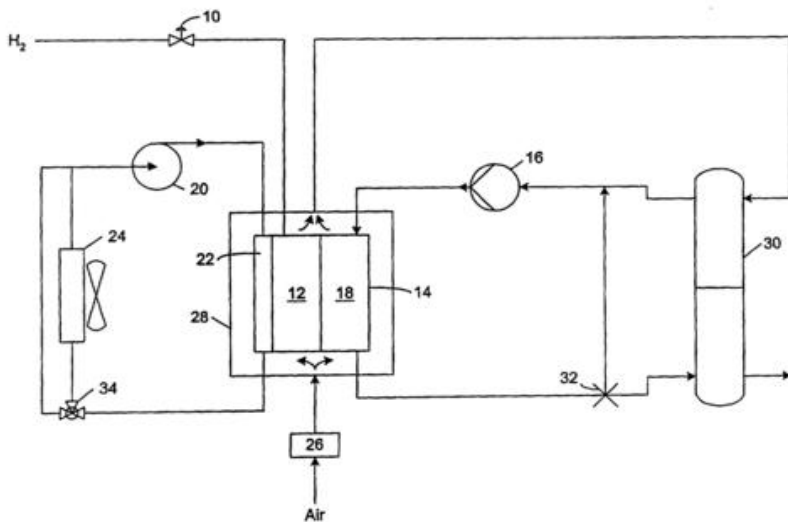
(71) Name of Applicant:
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Address of the Applicant:
4343 NORTH FRASER WAY, BURNABY,
BRITISH COLUMBIA, V5J 5J9, CANADA.

(72) Name of Inventor:
SEDERQUST, RICHARD, A.
WELLS, BRIAN, W
MOSSMAN, ALEX
LOUIE, CRAIG, R.

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract: A fuel cell System is provided that is capable of operating at high temperatures and near-ambient pressure with partial humidification of air supplied to the fuel cell stack. The fuel cells of the stack incorporate gas diffusion barrier layers at the cathode side thereof. The System includes a cooling loop for circulating a liquid coolant through the stack. In some embodiments, an incoming air stream is partially humidified with water vapor transferred from a cathode exhaust stream in a gas-exchange humidifier or enthalpy wheel. In other embodiments, a cathode recycle is employed to partially humidify the incoming air. The humidity of the air and cathode exhaust streams is maintained below a stack saturation point. Methods of operating the fuel cell System are also provided.



(FIG.1).

(22) **Date of filing of Application: 15/09/2005**

(43) **Publication Date:** 14/07/2006

A

(54) Title of the invention: PROCESS FOR PREPARATION OF PHENETHYLAMINE DERIVATIVES

(51)	International classification	:	C07C 213/02,217/14
(31)	Priority Document No	:	60/453,583
(32)	Priority Date	:	11/03/2003
(33)	Name of priority country	:	US
(86)	International Application No and Filing Date	:	PCT/US04/007861 09/03/2004
(87)	International Publication No	:	WO 04/080934 A3
(61)	Patent of addition to Application No	:	<i>NIL</i>
	Filed on	:	N.A.
(62)	Divisional to Application No	:	<i>NIL</i>
	Filed on	:	N.A.

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Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A process for the preparation of a compound of formula (I), wherein R₁, and R₂ are ortho or para substituents, independently selected from the group consisting of hydrogen, hydroxyl, C₁-C₆ alkyl, C₁-C₆ alkoxy, C₇-C₉ aralkoxy, C₂-C₇ alkanoyloxy, C₁-C₆ alkylmercapto, halo and trifluoromethyl; R₃ is hydrogen or C₁-C₆ alkyl; R₄ is hydrogen, C₁-C₆ alkyl, formyl or C₂-C₇ alkanoyl; n is one of the integers 0, 1, 2, 3 or 4; and the dotted line represents optional olefinic unsaturation; comprising hydrogenating a compound of formula (III), in the presence of a nickel or cobalt catalyst at a temperature of about 5°C to 25°C.

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 21/09/2005****(21) Application No.: 01882/KOLNP/2005****A****(43) Publication Date: 14/07/2006**

(54) Title of the invention: METHOD OF SERVICING THE OUTER COMPONENTS OF A WIND TURBINE SUCH AS THE WIND TURBINE BLADES AND THE TOWER WITH A WORK PLATFORM AND WORK PLATFORM

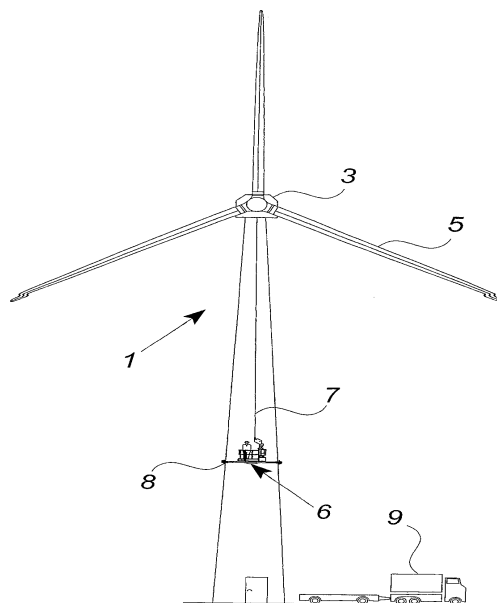
(51) International classification	:	F03D 1/00 B66F 11/04
(31) Priority Document No	:	
(32) Priority Date	:	
(33) Name of priority country	:	
(86) International Application No and Filing Date	:	PCT/DK03/000257 15/04/2003
(87) International Publication No	:	WO 04/092577 A1
(61) Patent of addition to Application No	:	NIL
Filed on	:	N.A.
(62) Divisional to Application No	:	NIL
Filed on	:	N.A.

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Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

The invention relates to a method of servicing the outer components of a wind turbine such as the wind turbine blades and the tower with a work platform, said method comprises the steps of: positioning the work platform at the wind turbine tower and connecting the work platform to an upper part of the wind turbine with at least one cable. Further the method comprises the steps of raising the work platform with the cable and cable winding means to a position of use, and holding the work platform to the side of the wind turbine tower with holding means. The invention also relates to a work platform for servicing the outer components of a wind turbine.



(FIG. - 2a)

PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT OF PATENT

Following Patents have been granted and any “person interested” in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed Form 7 along with written statement and evidence if any.

Sl. No.	PATENT NOS.	PATENT APPLICATION NOS.	DATE OF PATENT (FILING)	DATE OF PRIORITY (Earliest)	T I T L E	NAME OF THE PATENTEE	DATE OF PUBLICATION OF ABSTRACT U/S.11A.	APPROPRIATE OFFICE
1.	197581	102/KOL/2003	24-02-2003	28-02-2002	A system for continuous production of a non-woven fibrous web made from aerodynamically stretched filaments of thermoplastic plastic.	REIFENHAUSER GMBH & CO. MASCHINENFABRIK.	11-03-2005	KOLKATA
2.	199433	IN/PCT/2001/00861	17-02-2000	24-02-1999	A method and apparatus for processing digital audio broadcast signal.	IBIQUITY DIGITAL CORPORATION.	11-11-2005	KOLKATA
3.	199440	IN/PCT/2002/01154	04-04-2000	04-04-2000	A coated ink jet recording paper.	CELANESE INTERNATIONAL CORPORATION.	11-03-2005	KOLKATA
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6.	199462	IN/PCT/2001/01308	09-07-2001	25-07-2000	Thermostat and structure for mounting said thermostat.	NIPPON THERMOSTAT CO. LTD. & HONDA GIKEN KOGYO KABUSHIKI KAISHA.	24-06-2005	KOLKATA
7.	199939	989/CAL/1999	20-12-1999	N I L	Natural water cooler.	SOCIETY FOR RESEARCH & INITIATIVES FOR SUSTAINABLE TECHNOLOGIES AND INSTITUTIONS.	09-12-2005	KOLKATA

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9.	199941	IN/PCT/ 2000/00380	16-04- 1999	16-04- 1998	A process and an apparatus for the production of a composite metal article comprising bimetallic plate.	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION .	23-09-2005	KOLKATA
10.	199942	362/KOL- NP/2003	12-10- 2001	13-10- 2000	Filler used for separating optical isomers and process for separating optical isomers with the filler.	DAICEL CHEMICAL INDUSTRIES, LTD.	10-06-2005	KOLKATA
11.	199943	IN/PCT/ 2001/01143	01-05- 2000	03-05- 1999	A method of continuous crystalline ribbon growth and system therefor.	EVERGREEN SOLAR INC.	04-11-2005	KOLKATA
12.	199944	IN/PCT/ 2001/00249	07-09- 1999	14-09- 1998	Mining machine and mining method.	HOLMES LIMESTONE CO.	21-10-2005	KOLKATA
13.	199945	888/KOL- NP/2003	11-01- 2002	12-01- 2001	Method and system for providing travel information by graphical display thereof on a map in electronic form.	TRAVELOCITY. COM LP.	08-07-2005	KOLKATA
14.	199946	IN/PCT/ 2001/00255	04-10- 1999	30-10- 1998	An engine starting device for an internal combustion engine.	BRIGGS & STRATTON CORPORATION.	12-08-2005	KOLKATA
15.	199947	IN/PCT/ 2001/00285	09-08- 2000	12-08- 1999	Photo-curable resin composition for sealing material and sealing method.	MITSUMI CHEMICALS INC.	04-11-2005	KOLKATA
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17.	199949	533/CAL/ 2000	18-09- 2000	N I L	Pneumatic ejector for degraphitizing oven roofs in coke ovens.	STEEL AUTHORITY OF INDIA LIMITED.	02-09-2005	KOLKATA
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19.	199951	937/CAL/ 1995	11-08- 1995	18-08- 1994	Tap fittings with bellow type seal.	KSB AKTIENGESELLSC HAFT.	26-08-2005	KOLKATA
20.	199952	248/CAL/ 1998	16-02- 1998	28-02- 1997	Protective plug.	KRONE GMBH.	05-08-2005	KOLKATA
21.	199953	13/CAL/ 1999	06-01- 1999	15-01- 1998	A heat exchanger of an air conditioner.	CARRIER CORPORATION.	25-03-2005	KOLKATA
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23.	199955	IN/PCT/ 2002/01531	07-03- 2001	N I L	Metallic gasket.	JAPAN METAL GASKET CO., LTD.	11-03-2005	KOLKATA
24.	199956	1166/KOL- NP/2003	07-03- 2001	N I L	A computer implementation method for instant communication and an apparatus therefor.	NETSCAPE COMMUNICATION S CORPORATION.	26-08-2005	KOLKATA
25.	199957	1711/CAL/ 1998	23-09- 1998	26-09- 1997	A direct smelting process for producing metal from iron-containing metal oxides.	TECHNOLOGICAL RESOURCES PTY. LTD.	26-08-2005	KOLKATA
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29.	199961	310/CAL/ 2002	15-05- 2002	31-05- 2001	A method of controlling an absorption refrigerator.	SANYO ELECTRIC CO. LTD & SANYO ELECTRIC AIR CONDITIONING CO. LTD.	25-03-2005	KOLKATA
30.	199962	712/CAL/ 2002	26-12- 1996	28-12- 1995	Process for producing a flat heat exchange tube.	SHOWA DENKO K.K.	28-10-2005	KOLKATA
31.	199963	811/CAL/ 1999	27-09- 1999	12-01- 1999	Trigger actuated pump sprayer.	CALMAR INC.	18-03-2005	KOLKATA
32.	199964	IN/PCT/ 2001/00693	02-11- 2000	04-11- 1999	A molding machine and method for producing a sand mold.	SINTOKOGIO, LTD.	25-03-2005	KOLKATA
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